

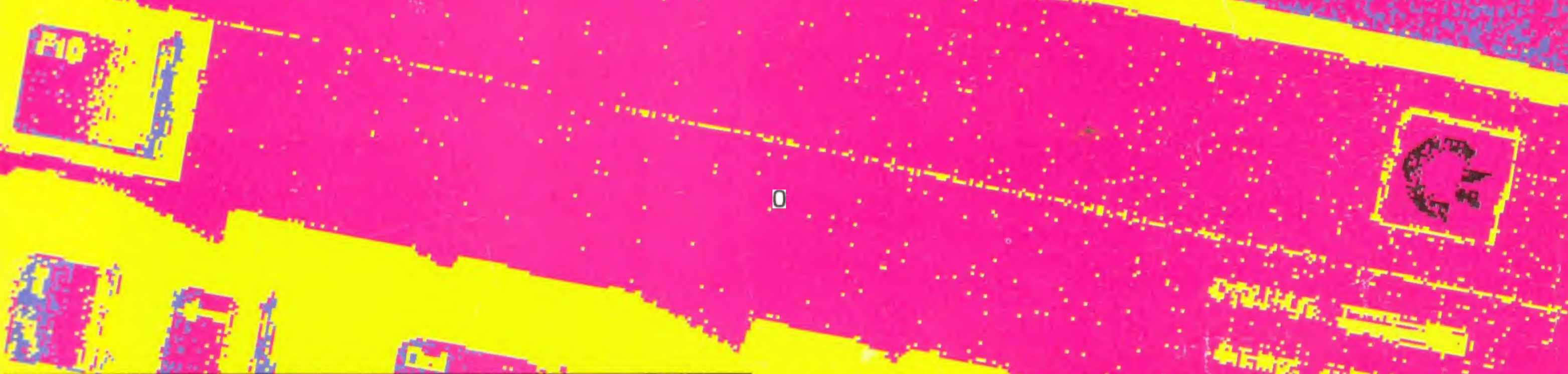
# AMIGA

ISSUE 19 ■ FEBRUARY 1991 ■ £2.95

## FORMAT

# GOT ONE OF THESE?

# AMIGA



COVER DISK

19

AMIGA  
FORMAT



### Champion of the Raj

Battle with man-eating tigers in the playable demo of Imageworks' Indian epic

#### Menumaster

Get to grips with the menu program we use

#### Play 590

Play huge sound samples straight from hard disk

#### Island

Atmospheric text adventure

#### Pic of the Month

Aargh! We've been menaced!

ILBM>RAW - Converts graphic files  
Install - printer Makes printing so easy!  
Mosaic - Programming demo

Documentation on Page 15



# THEN GET THIS!

## Vital information for all new owners

- What to do when things go wrong
- Where to start with graphics
- How to get that printer working

### NO COVERDISK?

Then ask for one from your newsagent



● REVIEWED: Ninja Remix, Battle Command, STUN Runner, Horror Zombies and many more

● The 15 best games of all time ● 16 million colours on screen ● GB Route travel guide

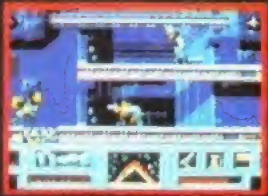
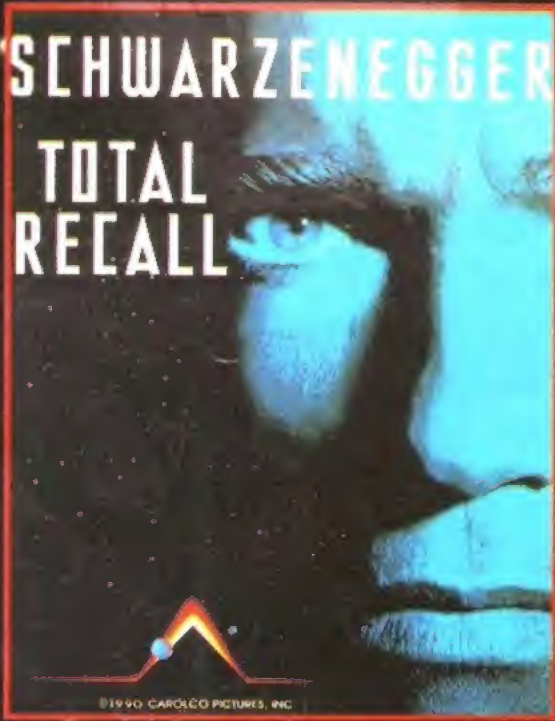
Hints, tips and advice galore

Workbench p171

Gamebusters p97



# POWER



As Doug Quaid you have been haunted by recurring dreams of another life on Mars. You are drawn to Rekall Incorporated, a unique travel service specializing in implanting fantasies into the minds of those who desire to turn their dreams into reality.

**THE EGO TRIP OF A LIFETIME**

Experience the horror as your dreams turn into hideous nightmares. Suddenly your every move is monitored by would-be assassins. You discover the surreal truth.

**YOU'RE NOT YOU - YOU'RE ME**

You must travel to Mars to discover your true identity - your mission is now a journey of non-stop action, strange mutants, futuristic vehicles and a startling array of weaponry all captured in superbly executed graphics and a game play that compliments the success of the year's top movie.

**CHASE HQ** Special Criminal Investigation continuing where CHASE HQ left off. The Arcade thriller takes you from the bright lights of Paris to the rugged terrain of the Sahara. Your mission is to track down, chase and apprehend the dangerous criminals.

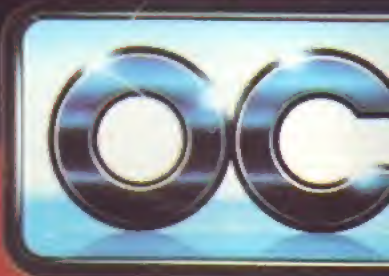


**It's EASIER**

Explosive power sends you bulleting through various terrains - hold the line or plough the fields!

**It's TOUGHER**

The criminals wield some heavy hardware - but so do you! You can shoot but you must dodge their flak... heavy gunfire, trucks unloading their cargo onto your bonnet... it's the meanest pursuit game to hit the micro screen.

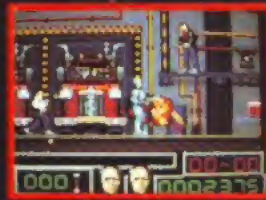




# SURGE

Seven levels of muscle-straining, reflex-testing, sideways scrolling fury! Destroy the lethal drug Nuke, face a stream of deadly Nuke gangs, and then - if you survive - face the terror that is

## ROBOCOP 2!



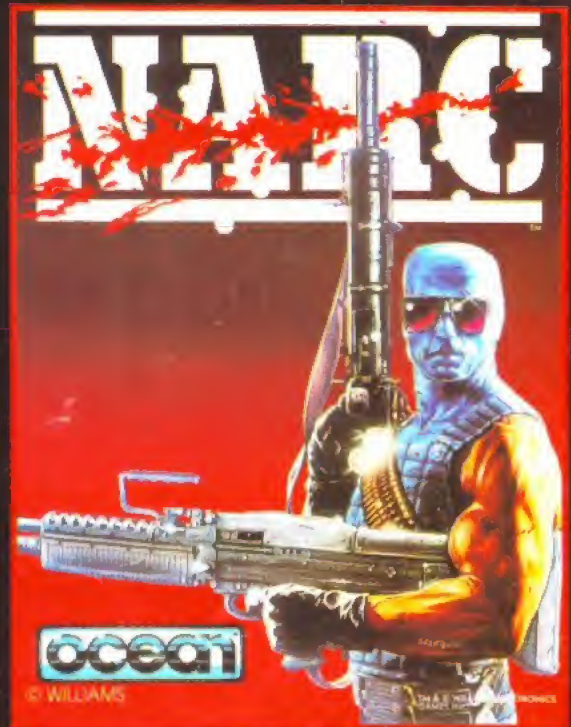
**MORE THAN A GAME - ROBOCOP 2 IS THE PRIME DIRECTIVE.**



NARC The arcade action thriller with the BIG finish. Infiltrate the criminal underworld - your mission is to seek out and destroy the king pin of the MR BIG CORPORATION - if you get that far.

You'll have to outwit his enormous army of body guards... gangs of charisma-bypass patients in trench coats, the bullet brain with the build of a rhinoceros and the breath of a dung beetle, packs of vicious canine yuppies, the psychotic clown with an evil sense of humour - you'll die, but not laughing!

Then there's the gas guzzling Cadillac jock - a cool specimen, elbow hanging on the door rail, a serious looking piece in his hand and ready to blow you away as he rolls down main street leaving you coughing lead.

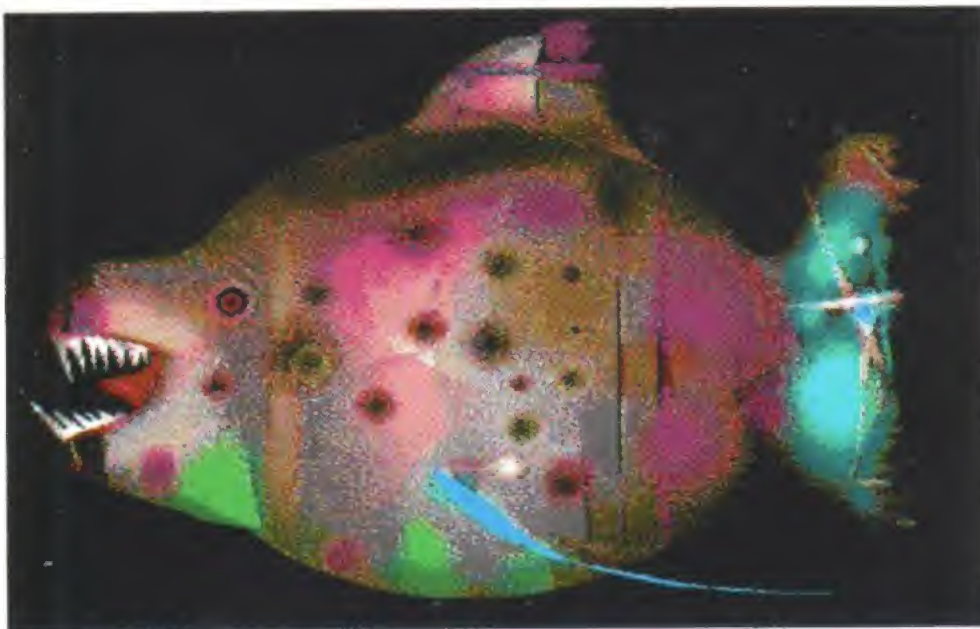


It's not all bad!... You've got a chopper to back you up, a mean, shiny street machine, some heavy metal hardware and some pretty neat moves. And what about the king pin... did I say he was Mr. Big? No, he's

## MR BIG!

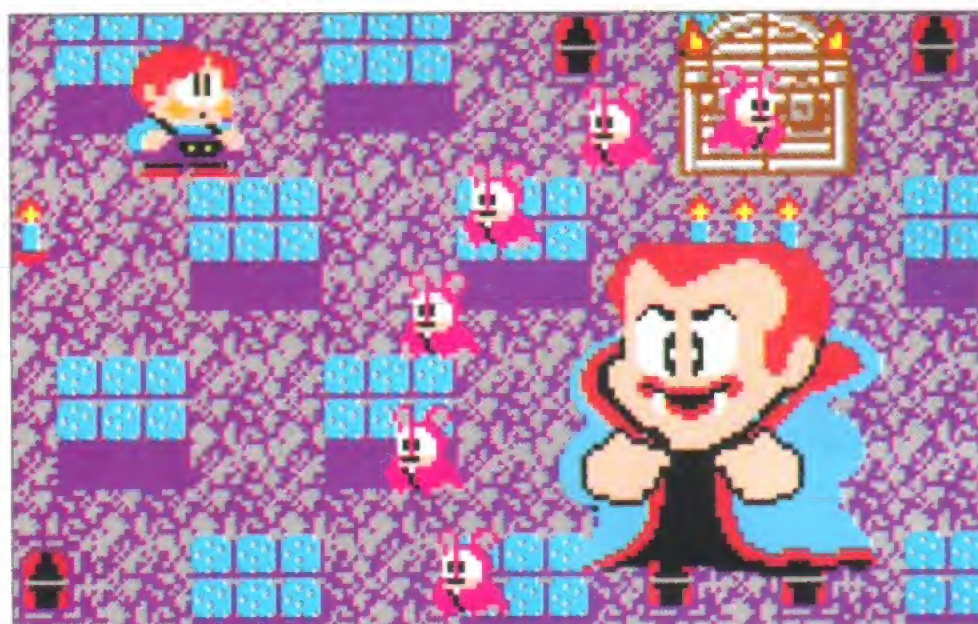
AMSTRAD, PANASONIC, SONY, SEGA, TATUNG, TOSHIBA, ZENITH  
 NARC ST. GEN. ROM-A





## GRAPHICS 33

Get started in graphics – the easy way!



## BEST EVER GAMES 109

These are the games you must not miss

Infofile 1.0

Staff File						
	Last	First	Soc. Sec.	Dept.	Rate	Hours Ovt
1	Benjamin	Harold	458-67-9578	Sales	\$9.00	48.0
2	Bertworster	Weinz	136-26-7945	Maintenance	\$12.50	38.0
3	Lincoln	Jason	785-68-9578	Sales	\$9.00	48.0
4	Marshall	Alan	487-68-8975	Security	\$10.50	39.0
5	Monty	Michael	581-69-3569	Kitchen	\$7.00	15.0
6	Peters	Mike	578-98-6587	Grounds	\$8.50	48.0
7	Shepard	James	892-48-7632	Service	\$56.00	23.0
8	Smith	James	785-98-2578	Advertising	\$11.00	39.0
	New					

## DATABASES 147

Two newest programs to organise your life

## Competitions

### WIN 5 YEARS OF GAMES 159

Win every Psygnosis game to date – and more!

### WIN 3 PHILIPS MONITORS 163

3 monitors up for grabs in our Wings of Death compo.

# AMIGA

## Just Got One of These? Then get the answers to your problems on p23

If you've just bought – or are about to buy – an Amiga, you may not know what to do when something goes wrong. We'll tell you how to solve little problems yourself and how to go about getting bigger ones solved for you.

AMIGA  
FORMAT

19

FEB  
1991

EDITOR Bob Wade DEPUTY EDITOR Damien Noonan REVIEWS EDITOR Trenton Webb TECHNICAL EDITOR Pat McDonald ART EDITOR Marcus 'Dr' Dyson STAFF WRITER Maff Evans PRODUCTION ASSISTANT Gary Lord DESIGN ASSISTANT Paul Morgan CONTRIBUTING EDITORS Jon Bates (Music), Brian Larkman (Graphics) CONTRIBUTORS Mark Smiddy, Sean Masterson, James Leach, Adam Waring, Tim Smith, Andy Hutchinson, Dean Agar, Keith Pomfret ADVERTISING MANAGER Jennie Evans SENIOR SALES EXEC Duncan Ferguson AD SALES EXEC Jackie Garford AD PRODUCTION Fiona Milne PUBLISHER Greg Ingham ASSISTANT PUBLISHER Jane Richardson PUBLISHING ASSISTANT Michele Harris AD SERVICES Tamara Ward PHOTOGRAPHY Ashton James, Bradford-upon-Avon COLOUR ORIGINATORS Swift Graphics Ltd, Southampton, PRINTERS Riverside Press Ltd, St Ives PLC, Gillingham NEWS TRADE DISTRIBUTION UK & WORLDWIDE: MMC Ltd 0483 211222 CIRCULATION DIRECTOR Sue Hartley 0225 442244. Poster Modernism?

Future  
PUBLISHING

© FUTURE PUBLISHING 1990.

Amiga Format comes to you from the company that publishes ST Format, Commodore Format, New Computer Express, Amstrad Action, Your Sinclair, Sega Power, PC Plus, 8000 Plus, MacPublishing and Classic CD.

## EDITORIAL/ADVERTISING

30 Monmouth Street, Bath, BA1 2BW. ☎ 0225 442244 FAX: 0225 446019

## SUBSCRIPTIONS AND MAIL ORDER

The Old Barn, Somerton, Somerset TA11 7PY ☎ 0458 74011

We welcome written enquiries, but regret that we cannot offer advice, guidance or information on a personal basis, either by telephone or post. We welcome contributions from readers but unfortunately cannot guarantee to return material submitted to us, nor can we enter into personal correspondence. We take great care to ensure what we publish is accurate but we cannot accept liability for any mistakes or misprints. No part of this magazine may be reproduced in any form without our permission.





## TRAVEL GUIDE 150

The utility that can tell you where to go



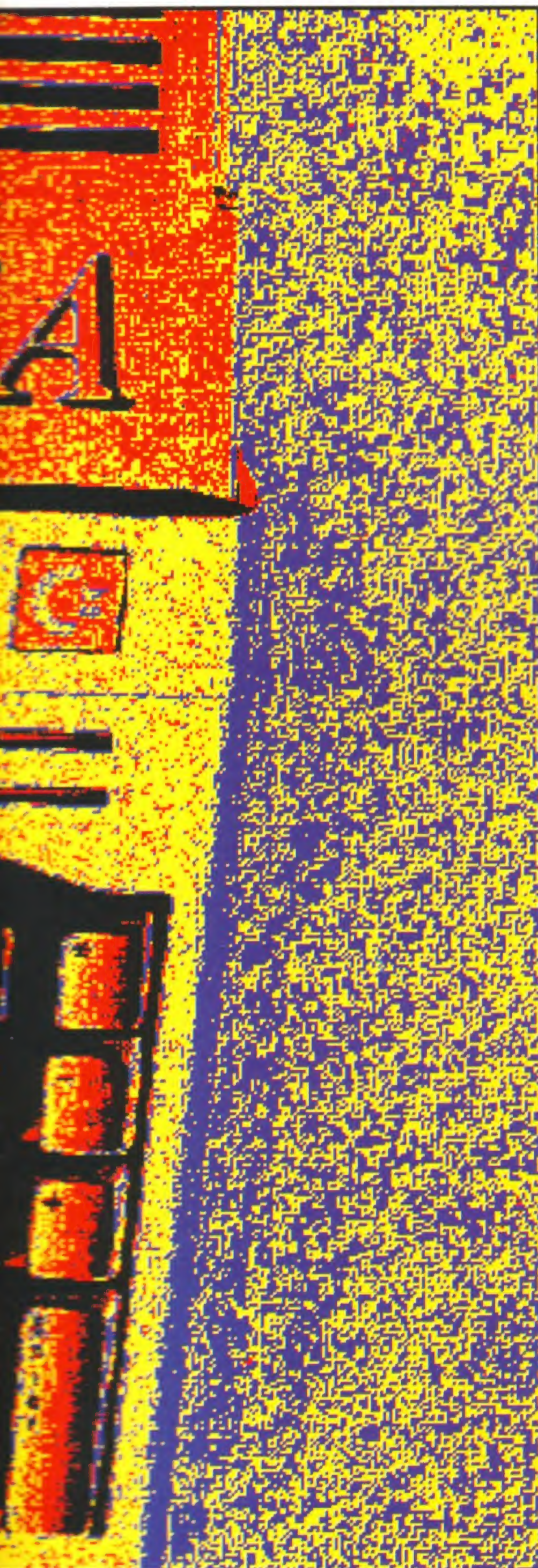
## GET TANKED UP 52

Is Battle Command the best tank game yet?



## GUNS OUT! 56

Is Z-Out the ultimate shoot-em-up?



# Contents

## SPECIALS

- JUST GOT ONE OF THESE?.....23**  
Essential information for all Amiga owners
- THE BEST GAMES OF ALL TIME.....109**  
We reveal the 15 classics you MUST have
- BEGINNERS GUIDE.....141**  
The continuing guide for new Amiga users
- QUESTIONNAIRE.....131**  
Your chance to let us know what you want

## REVIEWS

- HARLEQUIN.....39**  
The board that lets you display 16 million colours
- MUSICIAN.....135**  
Make beautiful music with just your Amiga
- HARMONI.....136**  
Want to start in sequencing? This may be the way
- INFOFILE.....147**  
Can this database organise your life...?
- PRODATA.....147**  
...or would you be better off with this one?

- GB ROUTE.....150**  
The utility that helps you find your way

## REGULARS

- NEWS.....7**  
How to get Interphase games to save!
- GRAPHICS.....33**  
Our tutorial makes starting in graphics easy
- PREVIEWS.....47**  
Hot new games including Super Monaco and Viz!
- GAMEBUSTERS.....97**  
Exhaustive guide to the shoot-em-up Warhead
- PD UPDATE.....117**  
We'll guide you to the best in free software
- MUSIC.....133**  
Singalong with the stars: it's Karaoke on the Amiga
- WORKBENCH.....171**  
Essential tips for getting more from your Amiga
- LETTERS.....185**  
More rabid ranting between you and the editor

# Screenplay P51

## FORMAT GOLD

- BATTLE COMMAND.....52**
- Z-OUT.....56**

## REVIEWED

- Botics.....63**
- Carthage.....86**
- Car-Vup.....72**
- Chip's Challenge.....58**
- Damocles Mission Disk 1.....66**
- Eco Phantoms.....81**
- Edd the Duck.....89**
- Elvira - Mistress of the Dark.....85**
- ESWAT.....70**
- Horror Zombies from the Crypt.....75**
- Ishido.....82**
- Mean Ugly Dirty Sport.....78**
- Narco Police.....55**
- Ninja Remix.....77**
- Nitro.....69**
- Teenage Mutant Hero Turtles.....89**
- Vector Championship Run.....89**
- Wrath of the Demon.....64**

# Coverdisk P15

**CHAMPION OF THE RAJ** - An arcade action slice of Imageworks' epic Indian adventure.

**ISLAND OF NEPHOTONS** - Free for all, a whole adventure game in classic style - text-only.

**INSTALLPRINTER** - Makes using your printer easier than it has ever been before.

**MENUMASTER** - Use our menu program!


**PLAY590** - This useful program will let you play samples of unlimited length straight from disk.

**ILBM>RAW** - Plug your pictures into programs.


**MOSAIC** - Teaches you how to program in C.

**PIC OF THE MONTH** - Gnash 'n' Grab!

COVER DISK  
**19**



FORMAT



ILBM>RAW - Converts graphic files  
Install - printer Makes printing so easy!  
Mosaic - Programming demo  
**Documentation on Page 15**

## SUBSCRIBE! P.161

If you read *Amiga Format* every month, why not make sure of your copy by getting it delivered straight to your door? Save hassle, save money and get a free game, too! See Page 161 for details! Also, take advantage of our Mail Order bargains.

## MAIL ORDER P.174

Registered Circulation  
**57,123** Jan-June 1990  
Member of the  
Audit Bureau of Circulations

ABC



WHEN YOU'RE THE BEST,  
EVERYBODY WANTS TO  
STICK ONE ON YOU.



ACE...ACE RATED 973, CU AMIGA...SUPER STAR 95%,  
C&VG...C&VG HIT 95%, THE ONE...95%, ZERO HERO 93%,  
GENERATION4...97%, TILT...95%

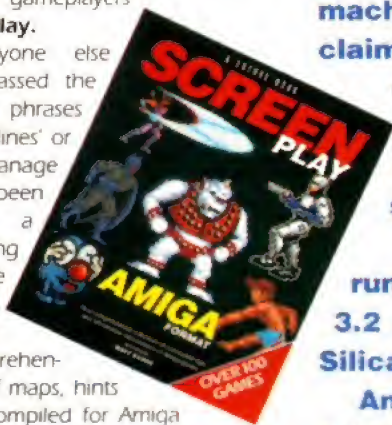


## ULTIMATE BOOK FOR GAMERS

Following the success of Damien Noonan's *Get the Most Out of Your Amiga*, budding author Maff Evans hopes to achieve similar heights with his gamers' guide, *Screen Play*.

Since everyone else around duly passed the buck with such phrases as 'Ooh... deadlines' or 'Aw, you can manage that!', Maff has been working like a Trojan, burning gallons of the old midnight oil to put together the most comprehensive collection of maps, hints and tips ever compiled for Amiga games, and the finished masterpiece is now available.

With the added bonus of mini-reviews for over 100 games, *Screen Play* is a must for anyone who plays games on their Amiga. Both the brand new *Screen Play* and *Get the Most Out of Your Amiga* are available through *Amiga Format* mail order. Turn to Page 157 for a special *Screen Play* introductory offer.



## FLYING FOR REAL

Would-be pilots will soon be able to take to the simulated skies and learn real flying skills on the Amiga. Bristol-based RC Simulations are preparing a realistic flight sim, complete with cockpit-style foot pedals and joystick, which could cut down on flying time for learner pilots and give armchair users a taste of life at the flight control panel.

It is designed to be as similar to flying real-life Cessna and Chipmunk aircraft as possible. "It is more than just a game," said Bob Sidwick of RC Simulations. "The closest thing to it is the simulation programs used by real pilots, but those have very little entertainment value at all. Our *Light Aircraft Simulation* program will take you through the flying checklist and procedures in absolutely authentic detail. The airports are in fact real British airports, set up as if they were real size."

To design the program the company drafted in an RAF pilot with 22 years of flying experience and they claim it could cut up to 10 hours off the flying time needed to qualify as a light aircraft pilot. "You still have to do 40 hours in the air," explained Bob, "but instead of needing 55 hours of lessons to pass, you might get it down to about 45. The program will cost around £45."

# NEW AMIGA BOARD MAKES IBM PC REDUNDANT

The AT Once is a PC emulator that slots inside the A500 and allows PC and Amiga programs to run on the same machine at the same time. The 8MHz PC emulator is claimed to offer full IBM compatibility and support hard disks. It does its PC processing with the Intel 80286 chip found in the IBM ATs, but also on the board is a Motorola 68000 which takes over from the Amiga's similar central processor.

The AT Once is available now, costs £199 and will run any version of the PC operating system, MS-DOS, from 3.2 onward. If you don't already own MS-DOS, supplier Silica will sell you a current version 4.01 for £50.

An Amiga 2000 version isn't available yet but distributor Silica plans an adaptor to allow the AT Once to drop into a 2000. A card cage to allow the A500 to take PC expansion cards is promised and a 386SX version is also on the cards.

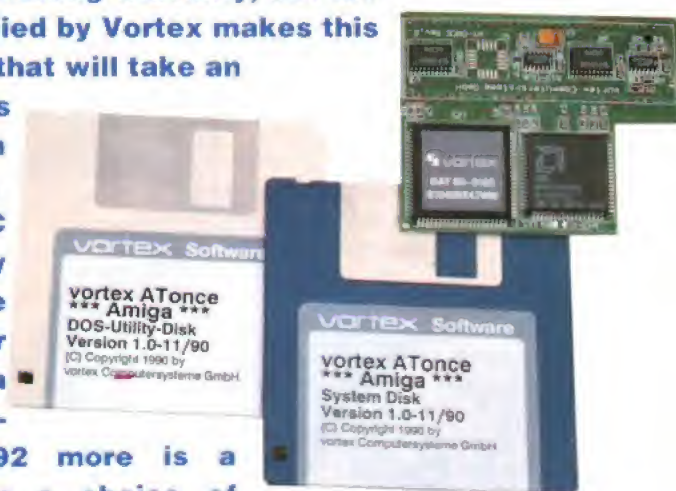
The Amiga's serial, parallel and mouse ports are used as if they were the PC's equivalent ports. The internal disk drive of the Amiga becomes a 720K PC disk drive and any external 3.5 or 5.25 inch floppy disk drives are configured as their PC equivalents.

An onboard utility allows you to use as much memory as is available on the Amiga and memory above the normal 1Mb limit can be accessed quite comfortably as extended memory in PC mode.

To install the AT Once you have to take your Amiga apart and invalidate any remaining warranty, but the instruction book supplied by Vortex makes this a simple enough task that will take an averagely dextrous and intelligent person less than half an hour.

As with most PC emulators, the display lets the AT Once down a shade. Four colours from a machine that is usually capable of 4092 more is a disappointment. From a choice of CGA, Toshiba, Olivetti and Hercules displays, CGA is currently the most usable. Better resolution than CGA is possible, but at the expense of taking the Amiga into the flickering interlace mode.

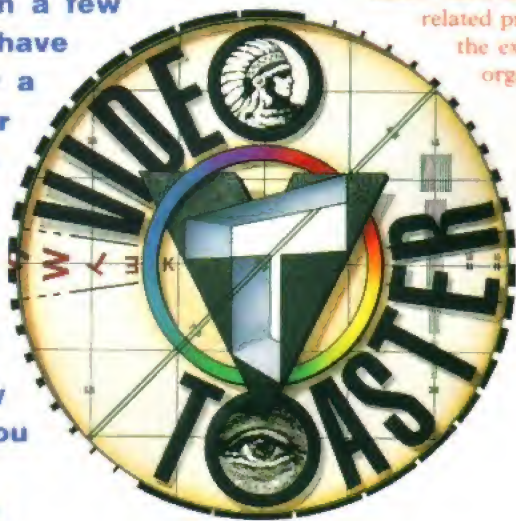
Expansion cards should make it possible to use EGA and VGA display, but this may take its toll in processing speed. Silica claims that the availability of card slots will soon mean that an Amiga will run as a VGA PC for under £300. Silica Systems ☎ 081-308 0888





# TOASTER POPS UP

Newtek's Video Toaster video effects and mixing box has started to ship at last. The first units went out in mid-November and Paul Montgomery, Newtek's Vice President, expected supply problems to be sorted out within a few weeks of that time. Newtek have still not announced whether a PAL version of the Toaster will appear: at present it is only available in NTSC which makes it unlikely to make an impact in the UK. At \$1,595 it is a very inexpensive method for producing broadcast quality effects, so we'll keep you posted on a PAL version. Newtek ☎ 0101 913 354 1584



## SOFTSELLERS CEASE TRADING

Mail-order firm Softsellers have ceased trading, so don't order anything from them. If you have orders outstanding with the firm then you should write to Diana Haywood at Patterson and Thompson, 12 Lower Brook Street, Ipswich.

## THE PARTS OTHERS CAN'T REACH...

Having trouble with dust, dirt and other gunk infiltrating your keyboard and nooks and crannies? Then the Mini Vac could be the answer to your cleaning problems. It's a set of attachments that fits onto an ordinary vacuum cleaner, but they are very small so that you can get at all the fiddly little areas where normal attachments can't get. It doesn't just clean out keyboards, but also gets to any other hard-to-get-at places as well. The whole kit costs £10.95.

☎ Mabbott & Griffith 0766 771398

## Fair Deal At Fair

Computer shows seem to be taking place ever more frequently and the All Formats Computer Fair pops up with more regularity than most. The latest instalment of the long running and low cost event takes place at the New Horticultural Hall, Westminster on Saturday 2nd February from 10-5, £3 entrance fee. The show is very much a bargain-hunting affair where you won't find fancy stands, just companies trying to sell software and hardware at low prices. Advance tickets: ☎ Mike Hayes 0457 875229



## Cracking Compilations!



UBI Soft have announced two absolutely corking compilations. Retailing at £29.99, the packs are called Challengers and Full Blast. *Pro Tennis Tour* (87%), *Fighter Bomber* (87%), *Stunt Car Racer* (94%) and *Super Ski* (69%) are the Challengers, which sport an amazing average score of 84%. Full Blast stars *Ferrari Formula One* (before our time), *Carrier Command* (ditto), *Rick Dangerous* (89%), *P-47* (80%), *Highway Patrol* (48%) and *Chicago 90s* (not reviewed).

## CD Conference

If all the talk of CDTVs has whetted your appetite for all things CD, then you may want to attend the CD-ROM Europe '91 Exhibition and Conference at the Novotel in London from May 21-23.

The show will feature the latest CD-ROM publications, hardware, software, development tools and related products. If you're interested in attending the exhibition or conference then contact the organisers Agestream.

☎ Agestream 0733 60535

## 1992 And All That

Evidence of the Amiga's strength in Europe and, more specifically, Germany was provided by the attendance of 67,000 at the recent four-day Amiga '90 exposition in Cologne in Germany. Over 160 companies were exhibiting and the show was sponsored by Commodore Germany whose stand was highlighted by a forty-foot-high video wall.

The show included events like the art pavilion where over 90 pieces of Amiga art were on show, the AmigaDOS Cafe where panel discussions and debates on Amiga topics took place and a series of master-classes on graphics, animation, video and programming. The organisers, AMI Shows Europe, plan three shows for 1991 - Berlin on April 25-28, London on June 7-9 and Cologne again in November. Could be a biggie in The Smoke in June. AMI Shows ☎ 010 49 8106 31093

## Who Is John the Parrot?

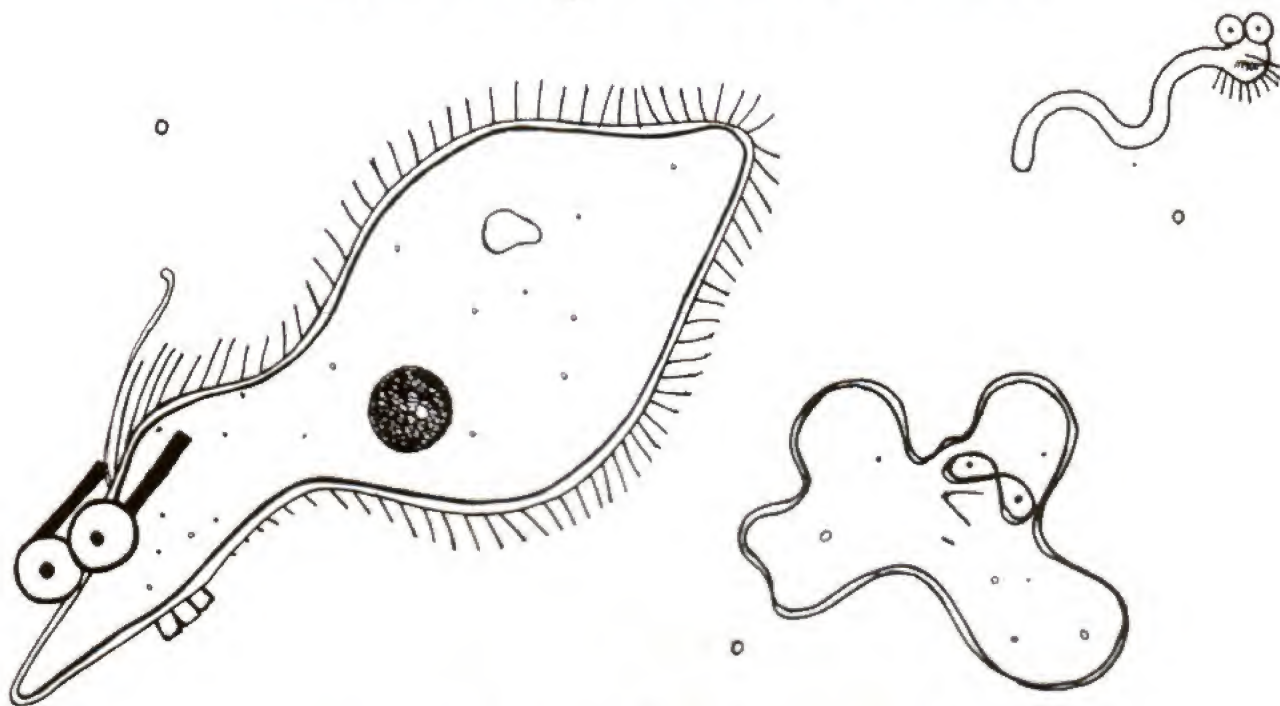
*Hooray for Henrietta* is the first in a range of educational programs for the Amiga from Scetlander. It's a fun maths program aimed at 5-12 year-olds and is available now at £24.99. It covers addition, subtraction, multiplication and division, has eight skill levels, a parent/teacher section for customisation, a progress recorder, attainment levels and also promises no boring repetition but an endless supply of new problems. *Hooray* is followed by *Henrietta's Book of Spells*, also £24.99, aimed at improving the language skills of 7-14 year olds and available now. ☎ Scetlander 041 357 1659





Now Includes  
Digipaint 1

# We're not saying everyone should own a Digi-View Gold...



## Protozoa, for example, have very little need.

Only one product has captured the imagination of Amiga users around the world: Digi-View Gold. It's the most award winning, best-selling and most used Amiga hardware product of all time. When Amiga owners want to digitize graphics they use Digi-View Gold. Period. In fact, we've probably sold more Digi-Views than any other digitizer on any PC in history.

Here's your chance to bring the world into your Amiga. Simply focus your video camera on any object or picture, and in seconds Digi-View Gold turns it into Amiga graphics that glow with vibrant colour and stunning clarity. Whether you are creating graphics for desktop publishing, presentations, video, or just for fun, Digi-View Gold makes dazzling images perfectly simple.

Digi-View Gold is designed specifically for the Amiga 500 and 2000, and plugs directly into the parallel port. With complete software control of colour saturation, brightness, sharpness, hue, resolution, and palette, advanced image processing is as easy as adjusting the controls on your television.

### Only Digi-View Gold:

- Has exclusive Dynamic HiRes mode for 4096 colours in HiRes
- Digitizes in all Amiga resolution modes from 320x256 up to 768x580 (full HiRes overscan)

- Uses 2 to 4096 colours (including halfbrite)
- Digitizes in 21 bits per pixel (2.1 million colours) for the highest quality images possible
- Has advanced dithering routines that give an apparent 100,000 colours on screen simultaneously
- Comes with an icon driven slideshow program for presentations using both IFF and Dynamic images
- Offers an unprecedented lifetime warranty and toll-free support line

If you want the best pictures possible on your Amiga, then you need the best selling video digitizer of all time: Digi-View Gold.



Only **£149.95** Inc. VAT

For a NewTek authorized dealer near you contact HB Marketing Ltd. at 0753 686000.

# NewTek

The Amiga Video Digitizer INCORPORATED

Requires standard gender changer for use with Amiga 1000. Dynamic HiRes requires 2 megs of RAM. Digi-View Gold is a trademark of NewTek, Inc.



## WHY CAN'T I SAVE INTERPHASE GAMES?

If you bought last month's two-disk special bumper issue, you may have played the complete game *Interphase* and been mildly irritated to find you can't save games. Were we trying to con you? Hell, no! It was a bit of a mix-up between Mirrorsoft, who supplied us with a master we couldn't use, and Adrian Stephens, who accidentally sent us a useable but slightly bugged version. Adrian is now doing a patch that will cure the problem and it will be on next month's Coverdisk.

## Graftgold go Virgin

Following the success of Graftgold's Super Off Road conversion for Virgin Games, the programming team have signed up for another project with the Branson bunch. The working title is Realms, but little is yet being said about the plot or design of the new game.

Since the team have scored in a variety of genres in the last year, with games like the classic Rainbow Islands, Paradroid '90 and Simulera, anything the Grafts touch is likely to turn to gold.



## BARGAIN BOX

Infogrames have unveiled a really smart-looking gift package for the New Year, offering three games for price of two. The games are fully boxed and come in a video-style binder. The first three-pack will feature Weltris, North and South and Tin Tin on the Moon.

It's hoped that the classy look of box, complete with smart Infogrames Armadillo logo, will make it the kind of present you'll want to keep - as they say at the Post Office.

## SO YOU WANTED AMIGA ROUTE PLANNING?

We get hundreds of letters at Amiga Format from people who want to make their Amigas IBM-compatible. The main reason for this is Autoroute, an extraordinary combination of map, database and route planner only available for the IBM PC-compatible office computers. A new route-planning program could answer your prayers.

Priced at £40, G8 Route is the first program of its kind on the Amiga. It provides a route map of the UK, asks you to enter your starting point and destination and prints out a "best route" for the road journey. Mike Stanworth of Complex Computers, the program's creators, says, "Even if we only tap 1% of [our potential] market we are talking about 5,000 users. We have demonstrated the product to seven major distributors. They all think it has enormous potential." Complex Computers ☎ 0706 224531

## ARTBEAT'S CORRECT NUMBER

Last month's review of *Simpatica*, an excellent if professionally-priced utility for editing animations and recording them to video tape, unfortunately carried the wrong phone number for its producers, Artbeat Graphics. The correct number is 0268 289 384 - our sincere apologies for any inconvenience caused.

## Human Mutant Signpost Turtles

Think Limited have come up with two new clip art collections and an introduction to the educational language Logo. The two clip art sets are *Transport and Signs* at £15 and *Human Biology* at £25. The transport set has over 200 images including all manner of vehicles, safety signs and the highway code. The human biology set also has over 200 images which includes labelled pictures, schematics, processes and flow diagrams.

Talking Turtle is a guide to Amiga Logo (which you'll have to acquire separately) and provides a step-by-step guide to using it. The disk and manual package make suggestions for classroom activities, explore one-key Logo for the young, helps develop deductive reasoning and task analysis, and looks at recursive procedures. The program is aimed at teachers and parents and costs £19.95.

Think Limited, Prudential Buildings, 46c High Street, Erdington, Birmingham B23 6RH

## BRITISH GAMES WIN EUROPEAN AWARDS

The first of the year's round of software awards, courtesy of France's *Tilt D'or*, have once again underlined Britain's lead in the European games marketplace. *Captive* stole the Best RPG title, *Lotus Turbo Challenge* was flagged as the Best Racing Game, while *Powermonger* took the title of Best Strategy Game. Other winners were Broderbund (*Prince of Persia* - Best Animation), UBI Soft (*BAT* - Best Graphics), Electronic Arts (*LHX Attack Chopper* - Best Flight Sim, *Indianapolis 500* - Best Sports Sim), Mirrorsoft (*Wolfpack* - Best Simulation), Storm (*SWIV* - Best Hope), Empire (*PipeMania* - Best Strategy/Action) and Innerprise (*Battle Squadron* - Best Shoot-em-up).

**Future**  
PUBLISHING

# WANTED!

## Technical writer/ Staff writer

- Launched in 1985
- Now over 160 staff
- 10 national news-stand magazines
- Market leader in computer titles
- Exciting launch plans
- Britain's fastest-growing publisher

Britain's fastest growing publishing company, Future Publishing, is looking for a talented and ambitious writer with a sound technical knowledge of computers and the ability to convey that knowledge in an informative and entertaining manner.

Future, based in beautiful Bath, already publishes *Amiga Format*, *ST Format*, *New Computer Express*, *Commodore Format*, *Your Sinclair*, *Amstrad Action* and *Sega Power*, as well as *PC Plus*, *8000 Plus* and *Mac Publishing*.

In return for your blood, sweat etc etc the company offers a good salary, an excellent working environment and the opportunity to take on new and exciting challenges as Future continues to expand.

If you have good reason to think Future needs you, send your CV, together with examples of published work - or a 500 word review of a recent piece of hardware or serious software - to Greg Ingham at the address below. Do it today if you know what's good for you.

Future Publishing Ltd, Beauford Court, 30 Monmouth Street, Bath, BA1 2BW Tel: (0225) 442244



# ANNOUNCING THE A5000

**FREE**  
INFORMATION PACK  
TELEPHONE  
(0933) 650677



IS YOUR AMIGA STILL IN THE STONE AGE?

## “UNLEASH THE POWER OF YOUR AMIGA”

▼ JUST ADD TO YOUR AMIGA FOR ▼

- **Faster than the Commodore A3000** ●
- **600% Faster than your Amiga** ●
- **Massive 4Mb of superfast memory** ●
- **100% Software Compatibility** ●
- **Plug-in upto a 50 MHz Maths Co-Pro** ●
- **Advanced 32-bit design** ●
- **32-bit Kickstart – Six times Faster** ●
- **Three models – 16.67/20/25 MHz** ●

### ● THE MACHINE ●

CPU: 16.67 MHz Asynchronous MC68020RC16 2.3 MIPS (8 MIPS peak)  
FPU: 12.5 MHz – 50 MHz Asynchronous MC68881RC or MC68882RC  
RAM: 4 Megabytes of 32-bit zero-wait-state 256 x 4 80ns DRAMs  
SHADOW ROM: Move your Kickstart into 32-bit SUPER-FAST-RAM  
SOFTWARE: 68000 Fallback mode for 100% software compatibility  
HARDWARE: 100% compatible with Amiga 500/2000 and add-on cards  
INTERFACE: Plugs into 68000 processor socket inside your Amiga

68881 – £99 1 Mb RAM – £69

## £399

(INC VAT & DELIVERY)

BASIC MODEL – 68020 (16 MHz) + 1 Mb RAM



SOLID STATE LEISURE LIMITED



# Special Reserve NRG CYBERZINE

**SPECIAL RESERVE CLUB BENEFITS INCLUDE:**

- **NRG** (Energy magazine) News, Reviews and Graphics. Screen shots, pack shots, charts, latest Giga-Savers. 40 colour reviews in every issue. Night City Cybertoon and the kill-or-die adventures of the Cyberpunk **NRG** street gang - It's Cyber-fantastic! **NRG** - bi-monthly to all Special Reserve members.
- **Release Schedules**, sent bi-monthly with updated catalogue information.
- **Sales hotline**, to 8pm weekdays, 5-30pm Saturdays and 5pm Sundays. 0279 600204
- **Fast despatch** of stock items **individually wrapped by first class post.**
- **Written confirmations** (receipts) sent when we receive each order.
- **Catalogue, Membership Card & Folder** for **NRG**.
- **Refunds** or change of order on request if delayed.
- **No Obligation** to buy. We do not require a signed contract, nor is there any age requirement. With Special Reserve there are no hidden costs.

**ANNUAL UK MEMBERSHIP £6.00**  
EEC £8.00 WORLD £10.00

## BIGGEST CLUBS GREATEST DEALS

Over 2,000 products in our catalogue

# SHOP KING

Over 30,000 me



6.99



11.99



10.99



8.49



5.99



9.99

## AMIGA and ATARI ST Shockware

16 BIT	AMIGA	ST	16 BIT	AMIGA	ST	16 BIT	AMIGA	ST
3D POOL	8.49	8.49	GAUNTLET 2	8.99	8.99	PROTECT WORD PROCESSOR	64.99	47.99
688 ATTACK SUB	16.99		GETTYSBURG (SSI)	5.99		PUBLISHERS CHOICE DTP (1 MEG)	59.99	5.99
A10 TANK KILLER	21.99		GFA BASIC V3.0 COMPILER	22.49	23.49	PURPLE SATURN DAY	5.99	5.99
AD&D DUNGEON MASTER ASS VOL1	7.99		GFA BASIC V3.0 INTERPRETER	36.99	36.99	PUZZNIC	16.99	13.99
AD&D DUNGEON MASTER ASS VOL2	7.99		GLOBULOUS			QUEST FOR GLORY		
ADVANCED TACTICAL FIGHTER 2	17.49	17.49	GO PLAYERS PROFESSIONAL	13.49	19.49	HEX QUEST 1 (1 MEG)	24.99	24.99
ALPHA WAVES	15.99	15.99	GOLD OF THE AZTECS	16.49	13.99	QUEST FOR GLORY 2 (1 MEG)	24.99	24.99
AMNIO	13.99		GOLD RUSH (SIERRA)	6.99	6.99	QUESTRA 2 (SSI)	6.99	7.99
AMOS (GAMES CREATOR)	29.99		GOLDEN AXE	16.49	16.49	R-TYPE		4.99
AMOS PRINTS 1000	10.99		GRAND PRIX CIRCUIT	6.99	6.99	RAINBOW ISLAND	16.49	13.49
APPRENTICE	12.99		GRAVITY	16.99	20.49	REACH FOR THE SKIES (PSSI)	19.49	13.49
ARCHIPELAGOS	6.49	6.49	GREG NORMAN'S GOLF	16.99	16.99	REBEL CHARGE AT CHICKAMAUGA		
ARMOUR GEDDON	16.49	16.49	GUILD OF THIEVES (MSCROLLS)	6.99	6.99	RED STORM RISING	16.99	16.99
ATOMIC ROBOKID	16.49	16.49	GUNSHIP	16.99	16.99	RICK DANGEROUS 2	16.49	16.49
AWESOME	21.99	21.99	HARD DRIVIN'	16.99	16.99	RIDERS OF ROHAN	19.49	16.49
B.A.T. (UBI SOFT)	19.49		HARD DRIVIN' 2	15.99	15.99	RINGS OF ZULFIN (SSI)	7.49	7.49
B.A.T. (UBI SOFT) (WITH SOUND CARD)	19.49		HARPOON	19.49		ROADWAR EUROPA (SSI)		
B.S.S JANE SEYMOUR	16.99	16.99	HIT STREET BLUES	16.49	16.49	ROBOCOP	15.99	15.99
BAAL	6.49	6.49	HITZHIKERS GUIDE (BUDGET)	8.99	8.99	ROBOCOP 2	15.99	15.99
BACK TO THE FUTURE 2	16.49	16.49	HOLLYWOOD COLLECTION	18.99	18.99	ROCKET RANGER	9.99	5.99
BACKGAMMON ROYALE	16.49	16.49	HOLLYWOOD HUMX (INFOCOM)	17.49	7.49	ROGUE TROOPER	16.99	16.99
BAD LANDS	16.49	16.49	HOME ACCOUNTS (DIGITA)	22.99	22.99	ROTAKE'S DRIFT	15.99	13.99
BALANCE OF POWER	6.99	6.99	HOME OFFICE KIT	86.99		ROTATOR	12.99	12.99
BALLSTIX	8.99	6.49	HONDA RVF 750	15.99	15.99	S.T.U.N RUNNER	16.49	16.49
BALLYHOOD (INFOCOM)	7.99	5.99	HORROR ZOMBIES	16.99	18.49	SEASTALKER (INFOCOM)	10.99	5.99
BARDS TALE 2	6.99		HOUND OF SHADOW	8.99	8.99	SECRET FRONT	16.99	16.99
BATTLE COMMAND	16.49	16.49	HUNT FOR RED OCTOBER	8.99		SECRET AGENT SLY SPY	16.49	13.49
BATTLE OF BRITAIN	19.49	19.49	HYBRIS	5.49		SECRET OF MONKEY ISLAND	16.99	16.99
BATTLE OF BRITAIN (D.S DRIVE)	19.49	19.49	IMPERIAL (1 MEG)	16.49	16.49	SHADOW OF THE BEAST	7.99	
BATTLE SOVIADOR	8.49	8.49	IMPERIUM	16.49	16.99	SHADOW WARRIORS	16.49	13.49
BATTLEMASTER	17.49	15.49	INDIANAPOLIS 500	15.99		SHADOWGATE	16.49	3.99
BATTLESTORM	16.49	16.49	INFESTATION	14.49	14.49	SHERMAN M4	15.99	
BEAST 2	21.99		INFESTATION	14.49	14.49	SHOOT 'EM UP CONSTR KIT	7.99	8.49
BETRAYER	19.49	19.49	INFLID (INFOCOM)	13.99	13.99	SILENT SERVICE (SUB SIM)	8.99	
BEYOND ZORK (INFOCOM)	7.49		INTERNATIONAL SOCCER CHALLENGE	16.49	16.49	SIM CITY	11.99	11.99
BILLY THE KID	16.99	16.99	INTERPHASE	2.99	2.99	SIM CITY TERRAIN EDITOR	11.99	
BLACK CAULDRON	6.99	6.99	ISHICO	19.99		SIMULCRA	16.49	16.49
BLACK LAMP	5.99		IT CAME FROM THE DESERT	19.49	19.49	SKYCHASE		5.99
BUTZ'REG - MAY 1940	15.99	15.99	IT CAME FROM THE DESERT (1 MEG)	10.99	10.99	SKYFOX	4.99	
BLOOD MONEY	7.49		IT CAME FROM THE DESERT (1 MEG)	10.99	10.99	SNOWSTRIKE	16.49	16.49
BLOODWYCH	11.99	11.99	IVAN STEWARTS OFF ROAD RACER	15.49	16.49	SORCERER (INFOCOM)	16.49	16.49
BLOODWYCH - DATA DISK	11.99	11.99	J. NICKLAUS GOLF	16.99	16.99	SPACE ACE	27.99	27.99
BOMBER	18.99	18.99	J. NICKLAUS VOL 1 COURSES	9.99	9.99	SPACE HARRIER 2	8.99	
BOMBER MISSION DISK	11.49	11.49	J. NICKLAUS VOL 2 INT COURSES	9.99	9.99	SPACE QUEST 1 (SIERRA)	22.49	22.49
BREACH 2	15.99	15.99	JAMES POND	19.49	16.49	SPACE QUEST 2 (SIERRA)	22.49	22.49
BREACH 2 (1 MEG)	15.99	15.99	JINXTER (MSCROLLS)	6.99	6.99	SPACE QUEST (SIERRA)	24.99	24.99
BRIDGE PLAYER 2150 GALACTICA	19.99		JUDGE DREDD	13.99	13.99	SPEEDBALL		9.49
BUCK ROGERS (SSI)	19.99		K-SPREAD 2 (SPREADSHEET)	42.99	42.99	SPEEDBALL 2	15.99	15.99
CADAVER	16.49	16.49	K-SPREAD 4 D (SPREADSHEET)	15.99	15.99	SPELLBOUND	13.49	13.49
CAPTIVE	15.49	15.49	KHALAAN	15.99	15.99	SPINNING WHEELS (INFOCOM)	16.99	16.99
CARRIER COMMAND	11.99	8.49	KICK OFF	8.99	6.99	SPINDZZY 2	16.99	16.99
CARTHAGE	16.49	16.49	KICK OFF 2	12.99	12.99	SPY WHO LOVED ME	16.49	16.49
CASTLE MASTER	15.99		KICK OFF 2 - FINAL WHISTLE	10.49	10.49	ST ADVENTURE CREATOR		13.99
CHAMPION OF THE RAJ	16.49	16.49	KICK OFF 3 - RETURN TO EUROPE	6.49	6.49	STAR WARS		6.99
CHAMPIONS OF KYRIN (1 MEG)	19.99	19.99	KICK OFF 3 - WINNING TACTICS	16.99	16.99	STARWARS (INFOCOM)	13.99	
CHAMPIONS OF KYRIN (SSI)	19.99	19.99	KILLING GOLF	16.99	16.99	STARLIGHT	16.99	16.99
CHAOS STRIKES BACK	10.99	10.99	KILLING GAME SHOW	16.99	16.99	STARGLIDER	6.99	
CHAOS STRIKES BACK (1 MEG)	15.99	15.99	KIND WORDS 2.0 (W/PROCESSOR)	31.99		STARGLIDER 2		5.99
CHASER STRIKES BACK EDITOR	10.99	10.99	KINGS QUEST 1, 2 & 3 (SIERRA)	24.99	24.99	STATIONFALL (INFOCOM)	69.99	5.99
CHASE H.O. 2 (SSI)	16.49	16.49	KINGS QUEST 4 (1 MEG) (SIERRA)	24.99	24.99	STATIONFALL (1 MEG) (SPREADSHEET)	69.99	19.49
CHESS CHAMPION 2175	19.49	19.49	KLAX	24.99	24.99	STOS (GAMES CREATOR)	19.99	19.99
CHRONOQUEST 2	8.49	8.49	KNIGHTS OF LEGEND	13.49	13.49	STOS COMPILER	13.99	13.99
CHUCK YEAGER'S AFT 2.0	16.99	16.99	KULT	18.49	18.49	STRIDER 2	16.49	16.49
CLOCK KINGDOM	6.49	6.49	LABER SQUAD	7.99	7.99	STRIDER 2 (1 MEG) (SPREADSHEET)	16.49	16.49
CODENAME ICEMAN (1 MEG)	24.99	24.99	LEATHER GODDESSES (BUDGET)	6.99	6.99	SUPER GRIDRUNNER	7.99	7.99
COLONELS BEQUEST (1 MEG)	24.99	24.99	LEATHER GODDESSES (INFOCOM)	16.99	6.99	SUPER WUNDERBOY	16.49	16.49
COLORADO	16.49	16.49	LEGEND OF FOERCHT	17.99	17.99	SUPERBASE PERSONAL 2		
COLOSSUS X CHESS	12.99		LEGEND OF THE SWORD	15.99	15.99	(DATABASE)	69.99	69.99
CORNUETS OF CAMELOT (1 MEG)	24.99	24.99	LEISURE SUIT LARRY 1 (SIERRA)	19.49	22.49	LEISURE SUIT LARRY 2 (SIERRA)	24.99	24.99
CORPORATION	14.99	14.99	LEISURE SUIT LARRY 2 (SIERRA)	24.49	24.49	LEISURE SUIT LARRY 3 (SIERRA)	24.99	24.99
CORRUPTION (MSCROLLS)	6.99	6.99	LEMMINGS	15.99	15.99	LEISURE SUIT LARRY 3 (SIERRA)	24.99	24.99
CRACK DOWN	7.49	7.49	LIFE AND DEATH	13.49	13.49	LEMMINGS	15.99	15.99
CRIME DOESN'T PAY	16.99	16.99	LIGHT CORRIDOR	15.99	15.99	LEMMINGS 2	15.99	15.99
CRIMEWAVE	16.49	16.49	LINE OF FIRE	16.49	16.49	LEMMINGS 2 (SIERRA)	15.99	15.99
CURSE OF THE AZURE BOND (1 MEG)	19.99	19.99	LOMBARD RAC RALLY	15.49	15.49	LEMMINGS 2 (SIERRA)	15.99	15.99
CUTTHROATS (INFOCOM)	9.99	17.49	LOOM	15.49	15.49	LEMMINGS 2 (SIERRA)	15.99	15.99
DAMOCLES	15.49	15.49	LEGEND OF CHAOS	13.49	13.49	LEMMINGS 2 (SIERRA)	15.99	15.99
DAMOCLES MISSION DISK 1	8.49	8.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DAMOCLES MISSION DISK 2	8.49	8.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DEATH TRAP	15.49	15.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DEJA VU	6.99	3.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DEJA VU 2	7.99	7.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DELUXE MUSIC CONSTRUCTION SET	45.99	34.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DELUXE PAINT			LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DELUXE PAINT 3	49.99		LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DELUXE VIDEO 3	62.99		LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DICTY TRACY	15.99	15.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DISNEY ANIMATION STUDIO	59.99	59.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGON BREED	16.49	16.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGON WARS	16.49	16.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGON'S LAIR		28.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGON'S LAIR (1 MEG)	28.99	28.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGON'S LAIR 2	27.99	27.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGONFLIGHT	18.49	18.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAGONS BREATH	8.99	8.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DRAKKHEN	11.99	11.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DUNGEON MASTER	10.99	10.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DUNGEON MASTER (1 MEG)	10.99	10.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DUNGEON MASTER EDITOR	8.99	8.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
DYNASTY WARS	7.49	7.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
E MOTION	6.99	6.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
EAST VS WEST	15.99	15.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
ECO PHANTOMS	15.99	15.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
ELIMINATOR		3.49	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99
ELITE	5.99	5.99	LORDS OF THE RISING SUN	9.99	9.99	LEMMINGS 2 (SIERRA)	15.99	15.99



# PRICES

# ADVENTURE MADNESS SALE

bars in our clubs

Over 40,000 games in our warehouse



7.99 7.99 9.99 6.99 9.99 6.99

## Nintendo Gameboy

Official UK Version. Free Shockware holsters & membership.



**69.99**

- Gameboy + Tetris, two player lead, stereo headphones and batteries
- FREE Special Reserve membership
- FREE Shockware Gameboy holsters

### Gameboy Software etc. (MORE SOON)

ALLEYWAY	15.99	SUPER MARIO LAND	15.99
GOLF	15.99	TENNIS	15.99
DB	15.99	SHOCKWARE GAMEBOY	
SOLAR STRIKER	15.99	HOLSTERS + BELT	7.99

## Atari Lynx

Official UK Version. Free Special Reserve membership.

**119.99**

- Lynx colour handheld system
- owns powerpack & California Games
- FREE Special Reserve membership

### Lynx Software

BLUE LIGHTNING	21.99	PAPERBOY	27.49
ELECTRIC COOP	21.99	ROAD BLASTERS	27.49
GAUNTLET 3	27.49	SLIMEWORLD	23.49
HEAT	27.49	XENEPHOBE	27.49
MS PRICMAN	27.49	ZALOR MERCENARY	27.49

## Sega Megadrive

Official UK Version. Free extra Joypad and membership.



**189.99**

- Megadrive + Altered Beast + Joypad
- + FREE extra TURBO Joypad
- + FREE Special Reserve membership

### Megadrive Software

ARNOLD PALMER GOLF	27.49	POPULOUS	30.99
BUDOKAN	30.99	RAMBO 3	23.99
COLUMNS	23.99	REVENGE OF SHINOBI	27.49
ESWAT	27.49	SUPER HANG ON	27.49
FOOTBALL	30.99	SUPER LEAGUE BASEBALL	27.49
GAIN GROUND	27.49	SUPER MONACO GRAND PRIX	27.49
GHOULS N GHOSTS	34.49	SWORD OF VERMILION	38.99
GOLDEN AXE	27.49	TWIN HAWK	27.49
LAST BATTLE	27.49	WORLD CUP ITALIA 90	23.99
POWER BASE CONVERTER (Runs Master System Games)	28.49		
TURBO (FAST FIRE) JOYPAD	14.99		
SEGA MEGADRIVE ARCADE POWER STICK	34.99		

INEVITABLY, SOME GAMES SHOWN MAY NOT YET BE RELEASED. Inter-Mediate Ltd. Reg. Office: 2 South Block, The Maltings, Sawbridgeworth, Herts CM21 9PG. VAT reg. no. 424 8532 51

## Sega Master System

Official UK Version. Free Special Reserve membership.



**79.99**

- SEGA MASTER SYSTEM, TWO JOYPADS, ALEX KID
- FREE Special Reserve membership
- SEGA MASTER PLUS SYSTEM WITH LIGHT PHASER GUN, ALEX KID & MARKSMAN GAMES
- FREE Special Reserve membership
- QUICKJOY SG JET FIGHTER MASTER SYSTEM JOYSTICK...13.99

### Sega Master Software

ACTION FIGHTER	11.99	IMPOSSIBLE MISSION	22.99
AERIAL ASSAULT	22.99	INDIANA JONES	22.99
AFTERBURNER	22.99	MONOPOLY	22.99
ALEX KID IN HIGH TECH WORLD	22.99	NINJA	9.99
ALEX KID IN SHINOBI WORLD	22.99	OPERATION WOLF	22.99
AMERICAN BASEBALL	22.99	OUTRUN	22.99
AMERICAN PRO FOOTBALL	22.99	PAPERBOY	22.99
AZTEC ADVENTURE	11.99	PARLOUR GAMES	14.99
BOMBER RAID	22.99	PRO WRESTLING	22.99
CALIFORNIA GAMES	22.99	R-TYPE	22.99
CASINO GAMES	22.99	RAMBO 3	22.99
CHASE HQ	5.99	RESCUE MISSION	9.99
COLUMNS	15.99	ROCKY	22.99
CYBORG HUNTER	19.99	SECRET COMMAND	11.99
DOUBLE DRAGON	22.99	SHINOBI	22.99
DYNAMITE DUX	22.99	SUPER MONACO GRAND PRIX	22.99
ENDURO RACER	5.99	SUPER TENNIS	9.99
ESWAT	22.99	TEDDY BOY	9.99
F16 FIGHTER	14.99	TENNIS ACE	22.99
FIRE AND FORGET 2	22.99	TRANSBOT	9.99
GAUNTLET	22.99	ULTIMA 4	29.99
GHOSTBUSTERS	22.99	WONDERBOY	19.99
GOLDEN AXE	22.99	WONDERBOY 3	22.99
GOLFAMANIA	25.49	WORLD SOCCER	19.99
GREAT BASKETBALL	19.99	ZILLION 2	23.99
SEGA MASTER CONTROL STICK	14.99		
SEGA MASTER HANDLE CONTROLLER (YOKE)	34.99		
SEGA MASTER LIGHT PHASER GUN	29.99		
SEGA MASTER LIGHT PHASER GUN WITH TRAP SHOOTING, MARKSMAN SHOOTING AND SAFARI HUNT	44.99		
SEGA MASTER RAPID FIRE UNIT	7.99		
SEGA MASTER SG COMMANDER CONTROL PAD	9.99		

## Joysticks, Mice etc. - UK Postage included, EEC add 10%, World add 25%.



Back Row (left to right)	
Quickjoy Supercharger (ST, AMIGA ETC)	12.95
Quickjoy Jet Fighter (ST, AMIGA ETC)	14.99
Quickjoy Superboard (ST, AMIGA ETC)	18.49
Quickjoy MS 15 Pin Joystick for IBM PC	18.49
Quickshot Warrior 15 Pin Analogue for IBM PC	12.99
Front Row	
Competition Pro 5000 Mean Green	10.99
Competition Pro Extra Glo Red	12.99
Nakata Mouse and Mat For Amiga or ST	32.99
Competition Pro Extra Glo Green	12.99
Competition Pro Extra Clear Autofire	12.49

### Amiga/ST Joysticks etc. not shown.

COMPETITION PRO 5000 BLACK	10.99
COMPETITION PRO 5000 RED/WHITE	9.99
COMPETITION PRO 5000 WHITE	10.99
COMPETITION PRO EXTRA COMBAT	12.99
CONTRIVER C820A ATARI ST MOUSE	27.99
EUROMAX COBRA JOYSTICK	11.99
QUICKJOY INFRA-RED JOYSTICK	33.99
MOUSE MAT (QUALITY SOFT MAT)	4.99
POPULOUS/FALCON LEAD (NULL MODEM CABLE)	8.99
FOUR PLAYER AMIGA/ATARI ST JOYSTICK ADAPTOR (FOR KICK OFF 2, LEATHERNECKS, GAUNTLET 2 AND TV SPORTS BASKETBALL FITS PRINTER PORT)	7.99

### IBM PC Joysticks etc. not shown.

CHAMP JS 606 IBM XT/AT ANALOG AUTO JOYSTICK	15.49
COMPETITION PRO PC STYLE (IBM)	12.99
DYNAMICS IBM GAMES CARD WITH TWIN JOYSTICK PORT INTERFACE (9 PIN)	19.99
DYNAMICS PC STARTER PACK (GAMES CARD, COMPETITION PRO JOYSTICK, ROBOCOOP, BASEBALL)	39.99
VICTORY ROAD, WIZBALL	12.99
EUROMAX IBM ANALOGUE 3001 JOYSTICK	12.99
KONIX AMSTRAD/IBM PC GAMES CARD WITH TWIN PORT INTERFACE	7.99
QUICKSHOT QS-120 DELUXE IBM GAMES CARD	15.99
WITTY C400A1 IBM SERIAL MOUSE WITH SOFTWARE	32.99

OR JOIN EUROPE'S BIGGEST ADVENTURE CLUB

# OFFICIAL SECRETS

FOR ADVENTURES AND ROLE PLAYING AND MORE

All the benefits of Special Reserve plus:

### Confidential.

Our 32 page bi-monthly magazine is essential reading for those interested in adventures or role-playing games. Written by experts, Confidential has covered everything from How to Host a Murder to Which F16 Flight Simulator? Our agents, led by the Master Spy known as "The Boss Upstairs", seek out the secrets of RPG's, FRP's, MUG's, PBM's, Leisure Suit Larry, The Russians, Elvira..... and more.

### Sim City or Corporation.

Choose one free for Atari ST, Amiga or IBM. Please phone if you have a different machine.



Of Corporation, ACE said:

"Probably the most influential game of this genre making this an essential addition to your collection. Zero said: If you liked Dungeon Master you'll love this.

Of Sim City, ACE said: "Sim City is a politician's - or a gamer's - dream... comparisons spring immediately to mind with Populous... but Sim City seems to have much more depth...". C&VG said: "Sim City is utterly fab"

### Help-Line - to help you solve most games.

Manned weekdays until 8pm and on Sundays (not an 0898 number)

### Myth - exclusive to Official Secrets members.

Written by Magnetic Scrolls, authors of Wonderland, Myth is a mini adventure set in Ancient Greece. In it you'll meet The Ferryman, cheat Death and face the nine-headed Hydra. Myth includes the famous Magnetic Scrolls parser and graphics and is included in the price of membership.



Amiga Format said: "An excellent adventure... witty, cunning and just plain good fun! If you liked Fish! you'll probably like this, because they're very similar in style: you may even prefer Myth, it's that good!"

Myth Ratings: CU 90%, Amiga Format 87%, TGM 85%, Crash 91%

**Official Secrets Annual UK Membership**  
With 6 issues of Confidential, Myth, Corporation or Sim City, Help-Line + membership of Special Reserve. **29.99**  
EEC membership £34.99. WORLD Membership £39.99.

## SALES LINES 0279 600204

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN THERE IS A SURCHARGE OF 50P PER GAME FOR TELEPHONED ORDERS (PLEASE PRINT IN BLOCK CAPITALS)

Name & Address \_\_\_\_\_

Post Code \_\_\_\_\_ Tel. \_\_\_\_\_

Computer \_\_\_\_\_ \*5.25"/\*3.5"/  
Payable to: \_\_\_\_\_ \*3.0"/TAPE

**Special Reserve or Official Secrets**  
**P.O. Box 847, Harlow, CM21 9PH**

Existing members please enter your Membership No. \_\_\_\_\_

**Special Reserve £6 UK, £8 EEC, £10 World or Official Secrets £29.99 UK, £34.99 EEC, £39.99 World**

Corporation  or with Sim City  AMFORM8  
and Myth  and Myth

PLEASE ENTER MEMBERSHIP FEE	£
Item	£
Item	£
Item	£
Item	£
Item	£

Software Prices include UK or EEC Postage. World software orders please add £1.00 per item. For non-software items such as joysticks or blank disks please add 10% EEC or 25% World for carriage. Overseas orders must be paid by credit card.

Credit card issue/expiry date \_\_\_\_\_  
"CHEQUE"/"POSTAL ORDER"/"ACCESS"/"VISA



# MiG-29™

F U L C R U M



THE FINAL WORD IN  
FLIGHT SIMULATION  
AVAILABLE IN FEBRUARY 1991





## ON THE DISK

**CHAMPION OF THE RAJ P15**

A small taster of a very large political strategy game featuring Thuggee assassins, booming and busting economies and six factions fighting for control of India at the beginning of the Nineteenth Century.

**ISLAND OF NEPHOTONS P16**

A text adventure game by Matthew Ratcliffe for those nostalgic for no graphics, just pure imagination. Can you complete a Pacific seek-and-destroy mission?

**PLAY590 P17**

Mark Everingham bought a hard drive because he wanted to play very long samples, so he wrote this program to do it.

**MENUMASTER P17**

Want a menu for a disk? Look no further - Dave Matthewson has done the business.

**PIC OF THE MONTH P16**

There's only one Beano character with any street cred and that's Dennis the Menace. Here's David Greenfield's original portrayal.

**ILBM>RAW P17**

When you need to take an IFF file and reduce it to pure data (RAW format) for use in a program, this utility will do the job. Thomas Young is the thoughtful author.

**INSTALLPRINTER P16**

The Workbench's INSTALLPRINTER icon is slow and fiddly to deal with - this replacement makes using printers much easier. See the Beginners' piece on Page 141.

**MOSAIC P16**

Paul Overaa has written another programming tutorial, concentrating on mosaic screen effects. The source code and the text are all on the Coverdisk.

**GETTING STARTED**

It's easy. Just put the disk in the drive and after a few seconds you will be asked if you want to play *Champion of the Raj* or see the rest of the programs. Type Y and press return for the demo, or N then return to get a menu up. To play the adventure game *Island* you have to boot Workbench, insert the Coverdisk, double-click on the icon, and double-click on the adventure icon.

**MAKING A BACK-UP???****Problems?****DISK FAULTY??**

Turn to Page 18 NOW  
and learn how to use  
your Coverdisk

UP TO

**£ 8 0 0**

UP FOR GRABS!!!

Think you've got what it takes to write for the Amiga Format Coverdisk? Prove what you can do and earn yourself some cash in the process! We're after Workbench hacks, demos, utilities, games... You could earn up to £800! Turn to P18.

# COVER DISK

From shooting tigers in India to converting IFF files, this month's Coverdisk has a plethora of programs to titillate and intrigue. PAT McDONALD explains how simple it all is to use...

**CHAMPION OF THE RAJ**

PSS



In the demo you always play the Chairman of the Honourable East India company, based in Bombay.

This is a small taster of a huge historical strategy game. In the full version you choose to play one of six different factions who are battling for control of India at the start of the Nineteenth Century.

There's a lot missing from the demo, mainly because the full game comes on several disks. Owners with 512K of RAM please note that it takes several minutes for the demo to load. A total of six arcade sequences appear in the game; but to give a general idea of what they'll be like, one has been included in the demo.

Tiger hunting, that's the name of the game. One pukka sahib with a gun versus a man-eating tiger is not as easy as it sounds. For one thing the tiger's are very well camouflaged in the long grass. Native beaters stroll about, pushing the

tigers into the open - make sure that you don't accidentally shoot the natives, because they take offence at this arrogant behaviour.

Controls: you can either use the mouse or the cursor cluster (up-down-left-right) to move your

gunsight, and the Space bar is used to fire the gun. Don't forget that it takes a few seconds to reload after each second shot - and don't let them Bengal pussycats get too close, or you'll be in for a mauling!

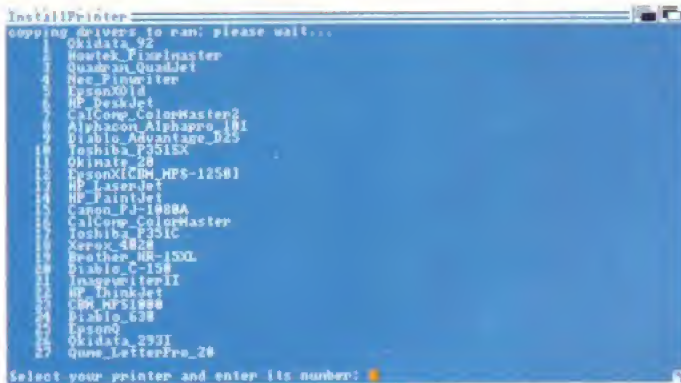


Bagged a few tigers, but they're beginning to close in. Those beaters tend to get in the way at times, but it's not a wise idea to shoot if they're in the way.



INSTALLPRINTER

MARK SMIODY



The new InstallPrinter informs you of just what it's doing and also keeps the disk swaps to a minimum. A vast improvement over the official offering.

This is a replacement for the utility which is on every Workbench disk. The original program can be a nightmare to use for single-drive owners, because it entails lots of disk swapping to copy the printer drivers from the Extras disk onto a Workbench disk.

This one is a lot easier to use and keeps disk swaps to the absolute minimum. It's also very easy to put onto your Workbench disk, although a gremlin appeared at the last moment which makes it difficult for the hard of reading. So pay attention!

First, make a copy of your Workbench disk as per the manual - you can also read this on the last disk page. It's wise to do any modifications on copies of original disks, never on the original itself.

Having made a copy, boot up with it and double-click on the Shell or CLI icon. When the window has opened, delete the original program by typing in:

```
DELETE Utilities/InstallPrinter
```

To copy the new program onto the disk, type in:

```
COPY FROM "Coverdisk 19:InstallPrinter" to
"Utilities"
```

Finally, to correct the program (unfortunately an incorrect version was saved onto the Coverdisk, and it could not be corrected in time) type:

```
ed Utilities/InstallPrinter
```

You will be presented with a display of the program. You can move around it with the cursor keys - there are some informative comments on how the file works, for the curious. Anyway, the first and fourth lines need altering to:

```
.key number
.def number 0
```

To save the file again, press the Esc key, type x and press Return. Next time you want to copy some printer drivers from the Extras disk (or any other disk) to another disk, this program will do it for you in half the time of the old one. See Page 141 for more on using printers.

PIC OF THE MONTH



This month's one and only artistic winner is David Greenfield from Solihull, with something rare and elusive - wit. Why are we getting so many cartoon entries? If it's a picture then please rush it to: Pic of the Month, Amiga Format, 30 Monmouth St, Bath, BA1 2BW.

ISLAND OF NEPHOTONS

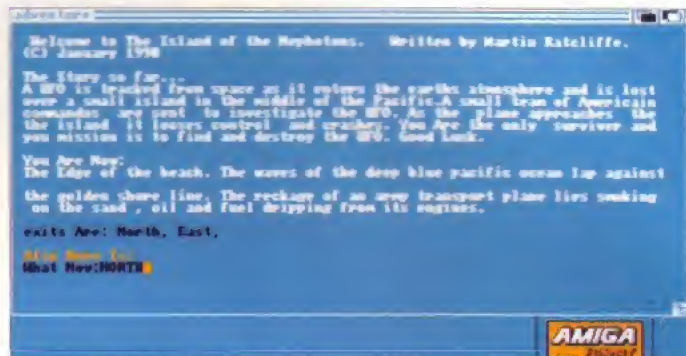
MARTIN RATCLIFFE

Many people who have had computers for years reminisce over text adventures. These were games which worked as follows: the computer gave a description of your surroundings, and waited for you to type a command in. You could move from place to place, pick things up and put them down and talk to different creatures.

There were rarely any graphics in these games, because they relied on imagination. This is such a game from Martin Ratcliffe of Stoke-on-Trent, for readers who

have requested such a game and also for those who have never seen a text adventure.

To get it to work, you must first boot up with the Workbench. When the drive stops, insert the Coverdisk. A large icon with "Coverdisk 19" underneath it will appear. Double-click on this, and then double-click on the Island icon. One final note: the window size will need to be adjusted and the text description will have disappeared. Type "Look" to get an idea of your surroundings.



Island Of Nephotons' plot involves you single-handedly destroying an alien spaceship on a deserted Pacific island. It's not an easy game to win, particularly because it's text-only.

MOSAIC

PAUL OVERAA

This is another one of Paul Overaa's excellent programming features, but put on the disk rather than in the magazine - there was, unfortunately, not enough room in the issue to print it properly with all the code. The text can be viewed from the menu, as can the source code for the example and the example itself.

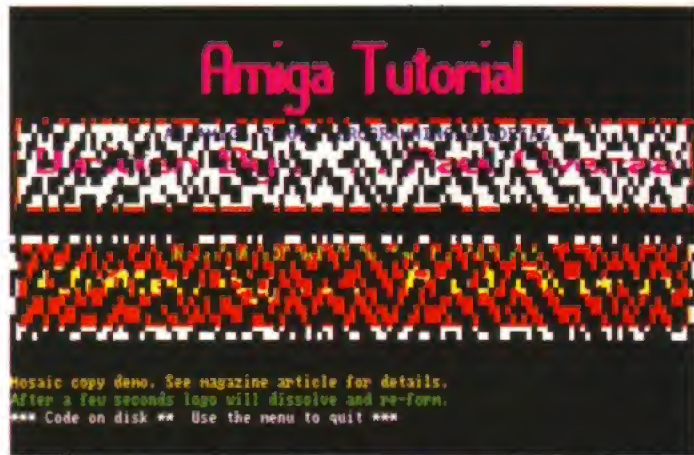
But what does it do? Well, Mosaic is an example of patterned transfer, where blocks are taken from an image randomly and redisplayed elsewhere.

It sounds simple enough, but as Paul explains, generating a random list of coordinates and using each set only once is not at all easy. Run the Mosaic demo

first, to get an idea of what it's all about. To leave the demo, select quit from the menu - move the mouse pointer to the top left of the screen and hold down the right button to get the menu.

Next, take a read of the article. This is not too difficult to grasp. It provides some useful insights into how programs are designed and written and is easy enough to read. Finally, for the coding people, the entire source code is included. Being over 100K long there's quite a lot of it.

Important files to watch out for are Mosaic, Mosaic.c and Mosaic\_Text. These are, respectively, the program, the source code and finally the article.



The Mosaic demo is an example of mosaic tiling - removing one part of the screen and replacing it elsewhere.



## ILBM>RAW

THOMAS YOUNG



Most of the impressive graphics for computer games are designed on art packages, and subsequently have to be transferred into RAW binary format to be included in the program.

This program from Thomas Young of Oxford is aimed primarily at programmers. For those who are curious anyway, ILBM stands for interleaved bit map. This is the graphics format that most art packages save and load files in, often (and mistakenly) called IFF format.

Anyway, what this handy gadget does is to convert files saved in that format to RAW format. And what's that? I hear you ask. RAW format is the straight binary data that programmers can include in programs. Indeed, such people who are blessed with Devpac 2 or a similar assembler can add the data to their programs by using the INCBIN directive, standing for 'include binary'. The program only works from the Shell or CLI.

The format is really quite straightforward. Use something like this:

```
ILBM>RAW source.iff destination.raw
```

This will read a file from the source, convert it and process it to the destination. If you type a space then M right at the end, a mask bitplane will be added to the final file – this is useful when detecting collisions.

For those interested in such things, the source code is also included in the disk, with the name ILBM>RAW.s. Other files of note are ILBM>RAW (the program) and readme.doc, which just tells you what's written here.

## MENUMASTER

DAVE MATTHEWSON

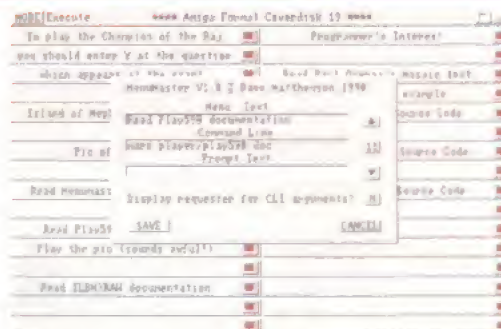
This is a front-end menu system which was used to assemble the contents of this very Amiga Format Coverdisk into some sort of order. It provides a simple way of selecting different programs on a disk, is fully mouse driven, and was written by David Matthewson from Cramlington.

*MenuMaster* provides up to 32 different selections, which means that plenty of choice can be offered – many more than by relying on pressing a function key. Selecting a program is just a matter of pointing with the mouse and clicking. If you want to just have a text message and no actual result, that's fine – pointing and clicking will do nothing except jump back to the menu.

The main feature of this menu program is that it's very easy to set up and edit – perhaps a bit too easy for some to meddle, so don't try changing it unless you're sure of what you are doing.

At the top left of the screen is a Mode button. This changes the way that *MenuMaster* runs programs, and clicking on it will cycle through the options of Execute, Run and Launch. Execute will start the program and stay with it, Run will start the program and come back to *MenuMaster* (so you can run more than one program at once) and Launch will close *MenuMaster* and then run the program. The default on the disk is Execute, so if you accidentally change it, then set it to Execute.

By holding down the right-hand mouse button an options menu will appear. There are three options here too: Shrink, Edit and Quit. Shrink will keep *MenuMaster* running in the background, but will keep a small window opened on the front screen so that you can go back to it. Quit will wipe the program and execute any other commands in the startup-sequence. Edit is the interesting bit...



Editing the options on *MenuMaster* is simple and quick, and the changes can be saved and tried at once. Much better than editing the menu with a word processor.

The program works by remembering 33 text lines. The first is the title line at the top of the screen. The others are the messages which accompany each option. By selecting edit from the menu, a window will appear in the middle of the screen. This shows the message for each option, the command line that is needed to get the program to run and also any additional prompt information.

To cycle through the options, click on the up and down arrows to go through each message. By clicking on the relevant box, you can edit that line. Once you have finished you can save the changes onto the disk or cancel them. WARNING: DO NOT SAVE ANY CHANGES ONTO THE COVERDISK.

Files of note are *MenuMaster* (the program itself), *MenuMaster.doc* (a text file explaining it more fully) and *MenuMaster.DAT* (which is where all the menu details are stored).

## PLAY590

MARK EVERINGHAM

The Amiga is a great machine for sampling, yes? The only problem is that samples take up huge amounts of space, both on disks and in memory – if you want to have long samples then you've got a problem.

Mark Everingham (who lives in Bristol) got around this by writing *Play590*. This program will play any file (no matter how long) as a sample. This means it's as good as your storage equipment. That is, if you have a hard disk drive then you're laughing, because you can store twenty minutes and upwards of sound on it.

But it will work from a floppy drive – there's an option on the Coverdisk to play the Pic of the Month. It doesn't sound that good, does it? It just serves as a quick example, really.

There are two ways to use *Play590*. You can use it from the Shell or CLI by typing:

```
Play590 samplename
```

Alternatively, if you prefer Workbench and have samples with icons, you can change the info on the icon. Click once on the sample icon to select it, and then select info from the menu on the top left-hand side of Workbench. Change the default tool to:

```
Coverdisk19:Player/Play590
```

There's a lot more to read about the program on the Coverdisk – just select the option on the front menu. Indeed, the author lists the drawbacks and advantages very well. The programming fraternity can look at the source code used by the program too.

All the *Play590* files are stored in a directory on the Coverdisk called *Player*. The files in question are *Play590*, *Play590.doc*, *Play590.c* (the source code) and their icons: *Play590.info*, *Play590.doc.info* and *Play590.c.info*.





# Using Your Coverdisk

1. Always write-protect your disk. Move the tab so a hole is showing.
2. Back the Coverdisk up if possible. Instructions are given below.
3. Read the instructions when using the programs.

## USING THE PROGRAMS

All programs on the *Amiga Format* disk are specially set up to make them as easy to use as possible. Simply put your Coverdisk 19 in the drive and switch on. If you want to play *Champion of the Raj*, press Y for Yes and then press the Return key. The majority of the other programs on this disk will run from a simple menu system - simply put the Coverdisk in the drive, press N then the Return key, wait for the menu to appear and then click on the red button by whichever choice you want, with the mouse



Full details on how to use any programs that will not run from this menu system are included in the Coverdisk pages on the preceding pages of this magazine.

## BACKING UP YOUR DISK

It is important to make a backup of the Coverdisk as soon as possible. Copying the disk may sound like a complicated task suitable for techno-buffs only, but it is surprisingly simple provided you read the following instructions carefully:

1. First, turn on your machine and load Workbench. Once the Workbench screen appears and the disk-drive light goes out, remove your Workbench disk and insert our Coverdisk.

2. Next, click once on the Coverdisk icon and then press the right mouse-button and the Workbench menus will appear. Now, while keeping the right mouse-button depressed, move the mouse pointer over to the 'Workbench' heading and a menu will drop down. Move the mouse pointer over the 'duplicate' menu option and then press the left mouse-button.

3. After a few seconds' disk access, the Workbench DiskCopy tool will be loaded and run. Now just follow the on-screen prompts and your *Amiga Format* Coverdisk will be copied to a backup disk. When the machine asks for the destination, insert your blank disk into the drive.

Further instructions are in the user's guide that comes with your Amiga or in the *Taking the First Steps* article on Page 239 of the last issue of *Amiga Format*.

## DISK NOT WORKING?

We duplicate over 100,000 disks every month - and this issue, we've done twice as many! Out of all those, obviously a few will be faulty. If the disk or any of the programs will not load or run properly, there may be a problem. Don't panic!

First try using the DISK-DOCTOR utility on your Workbench disk to rescue it before sending it off for a replacement. Full details of *DiskDoctor* can be found in the user's manual that came with your machine.

However, if it transpires that your Coverdisk is faulty, you should send it back INCLUDING AN SAE for a free replacement within a month of the cover date to:

**Amiga Format  
February Disk  
Discopy Labs  
Unit A, West March  
London Road  
Daventry  
Northants NN11 4SA**

Remember to include that stamped, addressed envelope!

## BE CAREFUL!

We have done our best to check that the programs on the *Amiga Format* Coverdisk are simple to use, error-free and have no known viruses. However, we cannot usually answer telephone queries on the software (see Disk Problems? box) and we do not accept liability for any consequences of using the programs on the disk. Be particularly careful with virus-checking programs: the disks may give a 'non-standard bootblock' message, but this does not mean you should install a new bootblock. The disk might no longer work if you do.

## COPYRIGHT

Unless specifically stated, the programs on the Coverdisk are not in the public domain and the copyright remains with the author. Selling or distributing these programs without the author's permission is against the laws of copyright.

## WE WANT YOUR PROGRAM!

If you've got any programs which you think other readers would find useful, interesting or amusing, we'd very much like to know about them.

1. Make sure your program is simple and foolproof to use.
2. Create a file called README.DOC on the disk which explains exactly how to use your program.
3. Fill in this form, sign it, and send it without delay to: Coverdisk Software, *Amiga Format*, 30 Monmouth Street, BATH BA1 2AP. You could win a share of up to £800 prize money.

## DISK PROBLEMS?

If you have a problem with the disk - and you're sure the disk is in full working order - then you may need a little help. We cannot normally give out advice over the telephone - but if you are completely stuck, Pat McDonald may be able to deal with any problems you may encounter. Please remember that giving this sort of advice is extremely time-consuming and we are very busy people, so only call if you really have to and do be considerate if we can't talk to you at that particular moment. It is generally better, if you have a problem, to send it to us in writing stating the model of your machine and anything you've got attached to (or plugged inside) the computer. It will then be dealt with in the Workbench pages of the magazine. Remember, if your disk is faulty send it to the address on this page, NOT to us. We haven't got any stocks.

## EARN UP TO £800

Name .....

Address .....

Telephone (Daytime) .....

(Evenings) .....

My program name is .....

Approximate total size of files in kilobytes .....K

(we cannot use programs longer than 200K; shorter submissions, under 100K, stand the best chance of publication). It is a:

- |   |   |
|---|---|
| <input type="checkbox"/> Game             | <input type="checkbox"/> Technical tool |
| <input type="checkbox"/> Business utility | <input type="checkbox"/> Art program    |
| <input type="checkbox"/> Music program    | <input type="checkbox"/> Educational    |
| <input type="checkbox"/> Novelty          | <input type="checkbox"/> Other          |

Brief description .....

Checklist (please tick):

- Stamped, addressed envelope for return
- README.DOC explanation file on disk
- Printout of README.DOC file (if possible)
- Name, address, machine type written on label
- Disk certified virus free

**IMPORTANT** Please sign this declaration:

This program is submitted for publication by *Amiga Format*. It is wholly my own work and I agree to indemnify Future Publishing against any possible legal action should copyright problems arise.

Signed .....

Date .....



# With the right software, you're in business.



Browse through your data using the VCR-style panel and view related text or image files.



Build menu-driven applications accessing forms under DML control.



Use the spreadsheet to allocate resources to projects. Print wall planning and GANTT charts.

**Superbase™**  
PERSONAL  
**2**

AMIGA+  
EXPERTS'  
CHOICE  
1989

**Superbase™**  
PROFESSIONAL

AMIGA  
WORLD  
EXPERTS'  
CHOICE  
1989

AMIGA+  
EXPERTS'  
CHOICE  
1989

**Superplan™**

AMIGA  
WORLD  
EXPERTS'  
CHOICE  
1989

**Data management**  
**Text processing**  
**Relational querying**

**Form design**  
**Application development**  
**Relational DBMS**

**Spreadsheet**  
**Time management**  
**Business graphics**

Superbase Personal 2 has all the power you need to set up and manage multi-file databases.

- Apply cross-file lookups and validations for data accuracy and consistency
- Change file definitions any time
- Browse through your data in any index sequence using the unique VCR-style browsing controls
- View data page by page or in tables, and build powerful relational queries and reports
- Edit text documents, print merge letters and labels
- Include text, IFF image and sound files as data
- Communicate data via modem

Personal 2's LOOKUP command... gives the program a decided advantage over most of its competitors."

AmigaWorld July '89

**£99.95 inc. VAT**

Superbase Professional is the experts' choice both for executive use and for Fourth Generation application development. As well as all the menu-accessible features of Personal 2, Superbase Professional includes:

- Database Management Language (DML) with over 250 powerful commands and functions for execution directly via the command line or in programs
- Form Designer with access to a wide range of graphical and logical design objects, including images as data, one-to-many relationships and DML commands
- Report Program Generator for on-screen painting of reports and generation of report programs
- Programmable Communications facilities and ARexx support

**£249.95 inc. VAT**

Superplan gives you full-featured spreadsheet planning power plus the ability to track resources and projects over time:

- Print wall planning charts, GANTT charts, do critical path analysis
- Display and print graphs with over 100 different styles and options
- Sideways printing, full color output, extensive printer support
- Comprehensive macro language
- Lotus 1-2-3 and dBase file compatible
- Full ARexx support

**£99.95 inc. VAT**

Now get down to business.

**081 330 7166**

Call today!

Precision Software Ltd  
6 Park Terrace  
Worcester Park  
Surrey  
KT4 7JZ  
Tel: 081 330 7166  
Fax: 081 330 2089

**Precision  
Software**

**Invest in the best.**  
**Our upgrade policies always protect your investment.**



# PC It's Got



PC • AMIGA • ATARI ST





# THE POWER



## THE SKIES ARE YOUR HUNTING GROUND

The only flight simulation to provide 100, complex missions over four intense battle scenarios. The only flight simulation to provide detailed daily war update reports. The only flight simulation to present the latest in aerodynamic technology introducing ECOP cockpits, backwinder AAMS, supercruise, stealth and more!

F29 Retaliator is that flight simulation F29 Retaliator presents the fastest and most detailed graphical environment ever seen in a flight simulation. With multiple internal and external viewpoints, multi-player comms option and a wide range of difficulty levels

F29 Retaliator will suit both the beginner and the expert pilot. You have the choice of two of World's most advanced aircraft - the F-22 ATF and F-29.

## WE'RE FIT, WE'RE ALIVE BUT WE'RE NOT BACK HOME

Our chopper tailed-out after taking a hit... the pilot won't be leaving the ground again. Now I have to lead my weary platoon back to our lines through the jungles and paddy fields. Entering what appears to be a friendly village, only to find it is a cover for a guerilla faction, is just one of the things that helps our insomnia... that and the elusive psycho in my squad - I gotta figure out who he is before the morale factor becomes our worst enemy. Jeez, will this stupid war never end!

Sensational graphics and a game-play that will have you sweating on the edge of your seat...every move you make, every decision you take may not only be the last for yourself but also for your platoon.



## STRATEGY AND ARCADE ACTION

for one or two players. Take on the role of the desperado with a heart-of-gold; Billy himself, or his ex-best friend, sharp shooting, law abiding pillar of the community, Sheriff Pat Garrett. As Billy you must survive by your wits. On arrival, check out the town, the men you think can help you, where the big games of poker take place, is the bank worth taking or is it going to be too hard to crack?

The other side of the coin is Pat Garrett. You must track down Billy using all your cunning. The payroll train is due to arrive...do you take all your deputies or leave some to keep an eye on the bank? And when you find Billy you will meet in the final showdown...now the guns do the talking!

## FIRST INTO BATTLE... LAST TO LEAVE

Control the "Mauler" Assault Tank in one of 16 scenarios in the ultra war, fought between two nations in the new World. The latest phase of the North/South war has reached a stalemate, eventually developing into a standoff between armies massed over a long, dug-in battlefield. Such are the defensive capabilities of each side, full scale attacks are suicidal, so any offensive moves are, by necessity, small "behind the lines" actions performed by elite troops in specially designed vehicles. The Mauler is the latest such machine - capable of being lifted in and out of hostile territory by fast stealth choppers and armed with the most advanced weaponry the Northern scientists can devise.



# eon







# Just Got One of These?

# Get It Right!

If you've just bought an Amiga, just been given one or are about to buy one, you'll find it's a great machine. But if something goes wrong, what do you do? **MARK SMIDDY** gives all the answers – plus many hints and tips for new owners.

**S**omewhere under the piles of discarded wrapping paper, something lurks. It is silent. Waiting to absorb you during the long winter nights ahead, to entertain and amuse you, to take you on a journey far beyond your wildest imagination. That something is your new Amiga.

So life's a bed of roses from here on in, right? Not necessarily! For starters, you may find the world of computing on the Amiga a little bit unfamiliar. In the next few pages, we'll explain a little bit about how to solve some obvious problems. We'll also guide you round a few of the tricky areas of computer ownership – viruses, shows, the Public Domain.

But above all, if something should go badly wrong – like your machine breaking down completely – we're here to tell you what your rights are and how to go about getting them. And maybe the best place to start is the very same place where you bought your Amiga...

## Dealer Support

When you buy a machine, you go for the best deal – but is the best deal necessarily the cheapest? The crunch comes when you turn to your dealer for support.

If you have a problem with your machine – whether it be hardware or software – Commodore expect you to go back to your dealer. At present the company does not have a techni-

cal help desk for the general public; instead, they expect their dealers to deal with simple queries themselves. Official Commodore dealers should be able to deal with most problems on the spot and otherwise can contact the company's technical support service on your behalf.

If you go to a specialist computer dealer, you will have to pay the full recommended retail price for your machine; more in some cases. If, on the other hand, you go to a high-street electrical store like Dixons, you will invariably pay less. Now ask yourself why. It may be they can't give the support that a specialist dealer can.

A spokesperson for the Dixons group, who have specialist 'Business Centres' in 80 of their 348 branches, had this to say: "Our customers can expect help and advice... Because all

staff are put through an intensive training course, we would expect our staff to be able to help people."

The National Association of Specialist Computer Retailers (NASCR) says of chain stores: "Fine if you know exactly what you want and don't want any technical back-up or assistance, because if you return with a query or problem you may just find you have more knowledge than the person that sold it to you!"

## Hardware and Software Sales

Most of you will quickly outgrow the packages bundled with the machine. Skimming through the pages of *Amiga Format*, you discover the very package which seems to precisely meet your needs, so you nip to the shop, only to be greeted by "Sorry sir, we don't sell that" or worse "Database? What's a database?"

Your only recourse is either to get it by mail order from this magazine or to look for a local specialist. Very often this will be the tiny independent retailer tucked away in a back street, whose shop resembles Aladdin's cave. Similarly on the hardware side. If you bought a basic Amiga A500 you'll need to expand the machine very quickly, unless you just want to play games. But what do you need first? And where can you get it?

**Continued on Page 26  
Problem-solving overleaf ↓**

**BELOW: Dixons is a typical high-street electrical retailer. Is it a good place to buy an Amiga, or are lower prices reflected in a lack of dealer support?**





**GENERAL**

**MACHINE WON'T SWITCH ON**

- You haven't switched the thing on. It may sound daft but if I had 1p for every call-out we'd had...
- A500s only: the power supply (PSU) is not connected. Check the PSU is plugged into the wall and the switch (if fitted) is in the ON position. If you are unsure, test the socket with, say, a table lamp.
- The PSU is not connected to the machine. Check that the lead is firmly connected in the socket at the back of the machine.
- The fuse in the plug is missing or faulty. Check the fuse or try a different one. **DO NOT** fit a 13A fuse (usually a brown case), 3A (usually a red case) is sufficient.
- The mains lead is wired incorrectly. Check you have wired the plug correctly. **BROWN** is live, **BLUE** is neutral and **YELLOW/GREEN** striped is **EARTH**. These connections must be firm. Also make sure the cord grip is secure.

**POWER LIGHT ON, BUT NO "INSERT DISK" PROMPT**

- If you have not inserted a disk, the screen should be either light grey or have a picture of a hand holding a disk. If not, see the section on Display first. If the screen is some other colour - red, green, blue etc - contact your dealer immediately to ask their advice.

**SOUND**

**NO SOUND OR ONE CHANNEL OF STEREO MISSING**

- Volume is turned down or a muting device is operating. Increase the volume on your monitor or switch the mute off.
- Hi-fi based systems: Connected to the wrong input. Preferably, plug the leads into the **AUX** or **Auxiliary**. Do not use the sockets for record player. The lead is usually 2 x phono male to 2 x phono male.
- TV-based systems: Y adaptor lead not plugged in correctly. A 'Y' adaptor is named after its shape: basically it connects a double audio output to a single audio plug. Check the Y adaptor is fitted correctly.
- Monitor-based systems: you have a problem with the lead. Sound is usually routed via a separate lead or bridged from the **SCART** (video) connector. Check the sound lead is connected correctly.

**POOR SOUND QUALITY**

- TV not tuned properly. On TV-based systems only, sound is affected by the tuning. Check as in the Display section.

# In An Emergency

A simple step-by-step guide to what to do when something seems to go wrong. All these faults are gathered from real-life experience, so don't feel silly.

**DISK DRIVE**

**NOISY**

- Errm... it just does that! Amiga disk drives are always noisy. If the sound is a metallic scraping, it may be the disk shutter is jammed. Remove the disk and try again. Always insert disks gently.

**WON'T LOAD GAMES**

- This can be anything from a faulty disk drive to a virus. Check everything: if all else fails, take the problem disk to your dealer.



**POWER**

**POWER LIGHT BLINKING**

- The machine is about to crash. This is rarely serious. The most common cause is a fault in the software.
- Software is incompatible. If you have a high-end machine which comes has a special processor, this problem is very common with games, but it may be caused by a computer virus.

● The software's doing it.

Some programs flash the power light to indicate disk access or other processing. It's a lazy way of saying "Please wait". It's not a technique that Commodore would smile upon, but some people *will* be different...

**POWER LIGHT OFF**

- You need to wait a few seconds. The machine takes a couple of seconds to

wake up and self-test. If the power light still does not come on, check all connections and consult the General section.

- You are running a program with sound. Music programs (and other pieces of software that use sound) turn the power light off when accessing the low-pass filter (fitted to later machines to improve the sound quality). Don't worry, this is quite normal.



## DISPLAY

### NO PICTURE OR POOR PICTURE QUALITY

● The monitor or TV is not switched on.  
Check the unit is switched on and plugged in at the mains.

● The TV lead is damaged, or not plugged in.  
You may have plugged the lead into the wrong socket. **DO NOT** plug the TV lead into the Composite Video socket on the Amiga.

● The TV is not tuned to the correct channel.  
Tune it in. The picture should be crisp without any sign of 'snow'.

● The modulator selector switch is in the wrong position.  
Consult the manual supplied with your machine and move the channel selector switch to the other position.

● The modulator is damaged.  
This may happen if you plug in or remove the modulator when the machine is switched on. **NEVER** do this.

● The monitor lead is loose.  
This typically shows up when the picture suddenly goes green or red. Ensure the monitor leads are plugged in firmly at both ends.

● The monitor lead is not suitable.  
This may affect some Sony TV sets with separate SCART inputs. Check with the supplier who sold you the lead.

● The input switch is in the wrong position.  
A common problem with many monitors and some combined TV/monitors. Check whether a separate "input selector" switch is fitted and try the other position.

### SOME OF THE PICTURE IS MISSING

● The Preferences position setting is wrong.  
Boot your Workbench disk and start the Preferences program. (This is covered in your manual.) Move the pointer over the white box in the blue panel. Hold the left mouse button down. Move the mouse until the screen is centred. Release the button and click SAVE.

● The vertical/horizontal position adjustments are wrong.

If there's a button on the back for adjustment, you can try to alter it. Otherwise refer the problem to qualified personnel.

### PICTURE IS SHAKY

● The application is running in the Amiga's 'interlace' mode.

This is quite normal. Interlace is a way of getting a higher resolution (more detail) but always flickers. This can be fixed with a flicker fixer, an expensive piece of hardware.

● You are using a "flicker fixer" card with a standard monitor.  
Change to a multi-sync monitor or use non-interlaced mode.

● Your monitor's horizontal/vertical sync is out of adjustment.

This should not happen unless you have been tinkering or the monitor is faulty. Get a TV engineer to check this for you.

## MOUSE/JOYSTICK

### MOUSE/JOYSTICK NOT WORKING AT ALL

● Mouse/joystick not plugged in  
Plug it in! The plugs can work loose if the machine is lifted from the front.

### RIGHT MOUSE BUTTON WON'T ACTIVATE ANY MENUS

● Window not 'active'.  
The menu is tied to another window - probably a CLI window in this case. See under 'Keyboard - No Keys Working'.

### ONE OR BOTH BUTTONS NOT WORKING

● Faulty unit or cracked lead.  
This is unusual on mice, but joystick fire buttons get a lot of hammer and they do go wrong. Get the unit checked or buy a better one.

● The mouse is in the joystick socket and vice-versa.  
Swap the plugs over! This is a common mistake.

### 'JITTERY' OR 'JERKY' OPERATION

● The mouse rollers are dirty.  
The ball picks up dirt which it deposits on the rollers. After a while the dirt gets so thick it starts to foul the ball. Clean it.

## PRINTERS

Printers are a whole can of worms which need a book to explain. A few of the more common problems are covered in the Beginners' article on Page 145.

## KEYBOARD

### SOME KEYS IN THE WRONG PLACE OR NOT WORKING AT ALL

● **It happens with all software...**  
Some Workbenches may have the wrong "keyboard map" set up. This is covered in this month's beginners section.

● **It happens only with some software...**  
The program is at fault - get it changed for a version which reads the keyboard correctly. Many programs written abroad - PD stuff from

Germany, for instance - will use a non-British keyboard map.

### NO KEYS WORKING AT ALL

● Window not 'active'.  
The window's title bar will be 'ghosted' - made faint. The solution is simple: click (press the left mouse button) inside the screen you want.

There are two main reasons this may happen. One: you selected another screen by clicking on it. Two: The window you were

working in has been deactivated by another window opening or a message or requester box appearing. In some cases, when you are working in a program like *Deluxe Paint* a requester appearing will bring the Workbench screen back temporarily. Press the right "Amiga" key and "M" at the same time to push Workbench out of the way or use the depth gadgets to find your screen. When your screen is at the front you will still have to click inside it to make it accept input from you.



The rest of this magazine should help answer most of those questions, but the simple answer is forget the high-street dealers and go back to a specialist who knows all the details.

### Returning a Faulty Machine

As an ex shop assistant, this author can speak from personal experience: if there's one thing worse than a customer who knows his rights, it's the one who thinks he does. The one who knows his rights will get what he wants very quickly: the one who thinks he does will argue the sky is pink and get nowhere fast.

If you think your Amiga is faulty and want to return it, you must be able to prove it fails to meet with one of the following requirements:

- It must be of 'merchantable quality'.
- It must be as described.
- It must be fit for the purpose for which it was sold.

Obviously if the thing doesn't work at all, it fails under condition three: or if someone's hacked the case to bits with a Stanley knife before you get it, it fails condition one. If you bought something cheap, 'as seen', this last condition may not apply. In simple terms, if any of these three apparently straightforward rules has been broken you may be able to:

- Return it for a refund, or...
- Get compensation for part of the value, or...
- Get a replacement or free repair.

It gets sticky from here, because the onus is on you to prove which of the three rules has been breached. You must also do so within a reasonable period. The precise timing is not defined in law, but after the machine is more than a week or two old, things start to get awkward. Age is defined as being the period elapsed between date of purchase and the date the fault was reported, so report any problems to your supplier as soon as you discover them.

Most reputable dealers will offer to replace a machine that was obviously faulty on its date of sale without question. Remember, though, they don't necessarily have to by law! You cannot return something if you decide you didn't want it after all.

If you do have to return a machine, stick to these guidelines. One: keep calm. Losing your temper will only make matters worse. Two: take some proof of purchase. If the machine was bought as a present you may have to get the buyer to return the goods for you. Three: make sure you're right about the fault. Beginners often mistake features for a fault. Four: consult an independent expert. This should save embarrassment.

**Continued overleaf**

## FREE SOFTWARE!



Welcome to the wonderful world of Amiga Public Domain. Here you'll find literally thousands of pieces of software just there for the taking – and most of it doesn't cost a bean. All you pay is the price of the disk and a small fee for copying it. Public Domain (PD) software is there for all of us to enjoy and covers just about everything from games to 'serious' applications. It comes in several different types:

**PUBLIC DOMAIN:** True Public Domain software has no copyright whatsoever attached to it. This form of PD in the purest sense is very rare indeed and the term has become almost synonymous with Freeware.

**FREWARE:** The author has retained the copyright. In practise, the difference between PD and Freeware is almost inconsequential. Authors of Freeware software retain all international copyright to their product, but allow users to pass it amongst themselves.

**SHAREWARE:** A concept developed in America. Here you get a fully working version of the program which you can use free for a fixed amount of time – often 30 days. After that time, if you like it, you must pay the author a registration fee to go on using it, or destroy all copies.

**CHARITYWARE:** Works the same way as Shareware, but instead of paying the authors you make a donation to a registered charity. Please remember, you must do this or you will be infringing the copyright law.

**LICENCEWARE:** These products are distributed by licenced libraries for a fixed fee and part of the fee is then passed back to the author. Licenceware and Shareware titles are both usually very cheap compared with commercial offerings and often better quality than Freeware.

You cannot usually nip down to the shop and buy a whole load of PD software because shops are not allowed to make a profit by selling it. PD software is usually only distributed by special 'PD libraries' although you may be able to pick it up from friends and your local user group. The catch with this is you don't know what you are going to get before it arrives. You will be able to get a guide to what's best from magazines which include special PD sections.

Watch out you don't get charged too heavily. Some libraries charge over three quid for a PD disk – which is getting rather high – so shop around for a good deal. At this price you should get a disk full of software, not just one or two small programs.

Most PD programs are written by programmers for other programmers, so with a PD product the manual will usually be limited and come on disk. Some programs don't even go this far: a lot need some knowledge of the CLI.

The only other risk is that some PD libraries are run by hobbyists who are passing around a lot of stuff, so there's always a danger that you may catch a virus if you are not careful.

On the up side, with a bit of work, PD is a great way to find out what the machine can do. Some user groups produce PD demo disks which can be booted just like a game. Shareware and Licenceware products are better and when you register some authors will send a printed manual.





# PageStream®

## FEATURES

- Output to all PostScript, dotmatrix, laser and inkjet printers. Including imagesetters and Ultrascript.
- Print documents in full colour or produce four colour separations.
- Import graphics and formatted text files easily, with support for more text and graphic formats than any desktop publisher.
- Rotate, slant and twist text and graphics.
- Intuitive "no frames" interface.
- Technical support from SDL and our soon to be opened UK office.

Soft-Logik Publishing

is proud to announce

**PageStream**

For the

**United Kingdom**

*What are you looking for in a desktop publisher? Quality output? Versatility? Ease of use? Yes, you can get all of this and much more with PageStream. Through a diverse font library, PageStream enables you to choose between a variety of typefaces, lettering sizes and text attributes. Most desktop publishers import only a few pictures types. PageStream can import almost every major graphic format available for the Atari, Amiga, Macintosh or IBM. How about printer support? PageStream is the only program that supports all printers, including dot matrix, inkjet, laser and imagesetters. PageStream is the only Atari DTP package that can print in full colour or produce four colour separations to a Linotronic PostScript imagesetter. Additionally, PageStream's "no frames" interface makes creating pages easy. Why settle for less than the #1 Atari desktop publisher? You won't have to with PageStream.*

*Soft-Logik is now distributing PageStream in the United Kingdom. In order to service you better, we will soon be opening our new company in London, Soft-Logik Publishing Limited. PageStream retails for £149.00 inc. VAT.*

***PageStream is available now for your Atari. Ask your dealer for PageStream or call us at our U.S. office***

***0101-314-894-8608.***

### What can I create with PageStream?

- |               |                   |              |           |
|---------------|-------------------|--------------|-----------|
| • Brochures   | • Advertisements  | • Catalogs   | • Logos   |
| • Newsletters | • Business Cards  | • Letterhead | • Flyers  |
| • Invitations | • Christmas Cards | • Signs      | • Reports |

Soft-Logik Publishing  
P.O. Box 290070  
St. Louis, MO. 63129  
USA

Soft-Logik Publishing Corporation  We give you the tools to dream.

PageStream is a registered trademark of Soft-Logik Publishing Corporation. All other products are trademarks or registered trademarks of their respective companies.



If you bought the machine on credit (credit card or hire purchase) you may be able to take action against the credit company. This applies even if the original seller has gone bust or just refuses to help. For this reason, if you buy goods at a show or exhibition, it's usually better to use a credit card if you have one.

## Guarantees and Repairs

Whenever you buy an Amiga from a dealer, you get a guarantee that it will work for a year or they will fix it (or replace it) free of charge. There are two things you must do: fill in the warranty card and return it; and keep your proof of purchase with the date you bought the machine on it.

Note, too, that the machine must be 'complete' (not bashed around) and 'the seal intact' (the seal makes sure you haven't unscrewed the cover and taken the thing apart - it's a sticker underneath, at the front).

If something should go wrong, all you have to do is get the Amiga down to your nearest Commodore dealer and pick it up again when it is ready, which should be about two weeks. Smaller items, such as the power supply pack or a TV modulator, should be posted to the Commodore Repair Centre direct, or they may have to wait at the dealers until a batch of stuff goes off.

Repairs are carried out by a firm called FMG, known as the official 'Commodore Repair Centre'. A few years ago, Commodore had a bit of a bad reputation for repairs, but they did a deal with FMG a while back and things have improved beyond recognition. When you send back your warranty card, you'll get further details of the Repair Centre's schemes to extend your warranty for a fee - like a kind of insurance. At any time, too, you can pay for a repair within 12 days - prices can be found on the Commodore Repair Centre's ad in this issue.

## Returning Software


If taking a faulty machine back is tricky, this is worse. Software is a very subjective purchase - especially with all the copying going on - so few dealers will do anything except replace a piece of software with the same title. Before wasting a trip to the shop, try to decide if the software is at fault - here are those rules again, applied to software.

If the disk boots and the manual and packaging are in good condition, then it could be deemed as being 'of merchantable quality'. If the package does everything it claims to - no matter how slowly or clumsily - then it works 'as described'. As for 'fit for the purpose, this is the awkward one.

Games must be playable and programming languages must be capable of producing a program -

## THE SHOWS

In just about every month of the year, someone somewhere is having a computer show. The past few years have seen an upsurge then sudden decline, but they're on the increase once more. Briefly, shows split into three groups.



### DEDICATED

The Commodore Show is the main event for Amiga owners. Over the last few years it could have almost been called the Amiga show. It splits into two halves: the mail-order dealers (known familiarly as box shifters) selling things and the more serious companies showing the latest stuff off. It's the place to see the people that make the world of Amiga tick, point fingers, take pictures, and perhaps throw them a few nuts. It is also the best place to go if you need straight talking and impartial advice from the experts.

Because this is a show organised on behalf of Commodore, you will be able to check out their newest equipment for yourself. Even to the extent of viewing brand-new machines like the CDTV.

If you want to get down to some serious talking with suppliers and get the chance to try out expensive hardware, go on the first public day. If you want to get a bargain, go on the last day with a bundle of cash and make offers in the last hour before closing. In either case, there is little point getting there very early. If you arrive two or three hours after the show has opened its doors, you will be able to get in without having to queue outside in the rain for hours.

### ALL-COMERS

There are several of these - the 16-bit Show, the Computer Shopper Show, the Personal Computer Show (previously known as PCW) and, this year but maybe not next year, the Computer Entertainment Show (CES). The organisers of the PC Show will be mortified to see themselves grouped here because theirs is terribly serious, aimed at the IBM market and friends, but it may be worth a visit if you have nothing better to do.

The Shopper and 16-bit shows are useful for picking up bargains - from a printer ribbon, to a cuddly mouse cover - you name it. These shows are full of little and large dealers selling all sorts, for all sorts! This year's CES was in the long tradition of pre-Christmas games shows at which all the latest games product is launched. We'll have to wait and see whether it survives to next year.

### SPECIALIST

There are a few of these scattered around the calendar, few are of any interest. You may find the Computer Graphics Show, The BETT (education) and even the Robot Olympics worth a trek. These exhibitions are not dedicated to the Amiga but because of the machine's potential in these areas, it does feature heavily - particularly, this year, at the Computer Graphics Show.

that's all. Just because you can't complete Level 1 of *Asteroids Meets The Terrapin Bashers* does not mean the game was not fit for the purpose, it just means it was too hard for you. Similarly, just because you can't write a best-selling arcade game in AMOS doesn't mean there is something wrong with AMOS - it just reflects on you. The only recourse you have in this case, is from the second rule and software houses are wise enough not to make extravagant claims.

It's not all doom and gloom, however. Most games software houses, for instance, recognise that floppy disks are fragile and prone to giving up the ghost for no apparent reason.

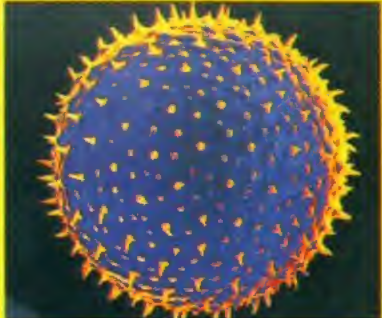
If your new game suddenly stops working after a couple of weeks, you can usually send them back just the disk - not the packaging - and provided it is an original disk with genuine labelling, they will usually replace it for free. What allows this generosity is that in essence you are paying for the data, not for the disk it comes on, and they can copy the same data relatively cheaply. ■

**NOTE:** The guidelines given in this article have been adapted from an interview with a Consumer Advice Centre and from The Office of Fair Trading's leaflet, "How to put things right." Details may differ in Scotland, Northern Ireland and other countries: contact an independent adviser first.

## VIRUSES

Viruses are the scourge of all computing - but with care you need never catch one. The subject of viruses has been covered many times - every time there's a Friday the 13th in the month, the tabloid press and TV go barmy about them.

Viruses are as old as computing and all started as a joke - modern computer viruses are dangerous to your software and can be very worrying. Most viruses enter the machine when you boot from a disk but a few can get in just by running a program. This is a complex subject which was covered in depth in *Amiga Format 15*. Here's a checklist to help avoid the worst ones.

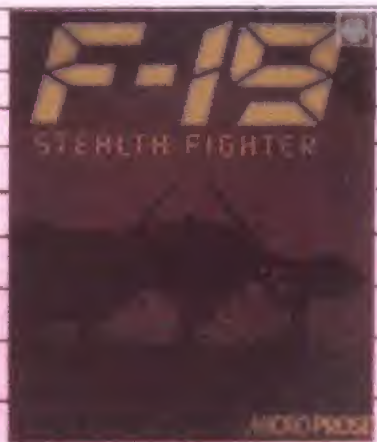


- Always use original disks from a known source.
- Always write protect any disks you are using unless you need to write something to them. The manual supplied with your Amiga will tell you how to do this.
- Always switch off for at least 30 seconds before booting a write-enabled game disk. This will kill all known viruses.
- If in doubt, ask someone who knows for help.
- Get a virus checker from a reputable PD library. *VirusX* is one of the best and is very easy to use. A good PD library (for instance, 17-Bit Software or George Thompson Services) will be able to advise you.
- Never, ever, use pirated disks. Apart from being illegal, this is the best way to catch a virus. The guys who write the things are mostly pirates, trying to get one over on innocent and slightly naive people like you.



**NEW**

# Commodore SCREEN GEMS



**SCREEN GEMS is the only NEW Official Amiga A500 pack from Commodore!**

### pack includes

- ✓ Amiga A500 Computer Keyboard
  - ✓ 512K Random Access Memory
  - ✓ Built-in 1 meg double-sided disk drive
  - ✓ Superb 4096 Colour Graphics
  - ✓ 4 Channel Digital Stereo Sound
  - ✓ Speech Synthesis
  - ✓ Multi-Tasking Operating System
  - ✓ Kickstart 1.3 and Workbench 1.3
  - ✓ Three Owners Manuals
  - ✓ Extras 1.3 and Tutorial Disk
  - ✓ Amiga BASIC Programming Language
  - ✓ Notepad Mini Word Processor
  - ✓ Commodore Mouse
  - ✓ Power Supply Unit with mains plug
  - ✓ TV Modulator
- ..and all connecting cables to get you up and running on your home TV set!

### plus

- ✓ Shadow of the Beast II
- ✓ Days of Thunder
- ✓ Back to the Future II
- ✓ Night Breed
- ✓ Deluxe Paint II Art Package

### plus FREE DIGISTAR pack

10 games from the new Amiga software pack - £14.99

- ✓ Microprose Soccer
- ✓ RVF Honda
- ✓ Kid Gloves
- ✓ Datastorm
- ✓ Dungeon Quest
- ✓ Microswitched Joystick
- ✓ Grand Monster Slam
- ✓ Powerplay
- ✓ Tower of Babel
- ✓ Shufflepuck Cafe
- ✓ E-Motion
- ✓ Mouse Mat

### and exclusive to DIGICOM!!!!

## F-19 Stealth Fighter

*The Ultimate Flight Simulator game from Microprose worth £34.99!*

**Total package price includes VAT and Next Day Delivery by Courier\***  
**Don't delay - Order now! 24Hour Credit Card Hotline Telephone (0908) 378008**

### How to Order

- By Phone** - Call our Credit Card Order line on (0908) 378008 and quote your card number and expiry date along with the details of the goods you require. We accept ACCESS, VISA, EUROCARD, MASTERCARD, AMEX the new Direct Debit cards like Barclays Connect and we also accept Lombard CreditCharge Cards.
  - By Mail** - Simply write down your requirements and send in your order to us by post along with a personal cheque, bankers draft, building society cheque or postal order made payable to "DIGICOM COMPUTER SERVICES LTD".
- \*Please note - Personal cheques require 7 days clearance before despatch.

## Catalogues!

Ring or write in for our latest Amiga catalogue listing hundreds of products available for this versatile Home Computer. We stock COLOUR PRINTERS, STEREO COLOUR MONITORS, EXTERNAL DISK DRIVES, MEMORY EXPANSIONS, HARD DISK DRIVES, AMIGA FRAME GRABBERS, DIGITISERS, SCANNERS, WORD PROCESSORS, DATABASES, SPREADSHEETS, ACCESSORIES and of course hundreds & hundreds of games and all at well below recommended retail prices!

### Service you can depend on!

Digicom offer you the very best in customer after sales support with 12 month warranty on all Computer Hardware. All units are full UK specification with 30 day replacement guarantee on faulty items and FREE collection of the defective units within this period. And should you ever need any technical advice our experienced and helpful staff are available on the telephone or in our showroom. Remember - there are no hidden extras all prices are fully inclusive of VAT and next day courier delivery. Prices & Specifications are subject to change without notice E&OE.

only.....

# £399

or spread the cost with our finance facilities - written details on request.

# DIGICOM

36-37 Wharfside Watling Street  
Fenny Stratford Milton Keynes MK2 2AZ  
Telephone (0908) 378008 - Fax (0908) 379700  
Showroom Hours - Mon to Sat  
9.00am-5.30pm



# Choices to Keep you ...at Truly Wizard

**NOW OPEN SAT & SUN TOO!!!**  
(Phone for Times)

**KUMA Packs are Back!**  
At a new Great Price  
K-SPREAD 1  
+ K-WORD 2  
+ K-DATA 520  
**£64.95**  
*Only from Merlins!*

**NEW!**

**NEW!**

## AMIGA SCREENGEMS PACK

'BIG SCREEN' BLOCKBUSTERS BROUGHT TO YOUR AMIGA FOR SMALL SCREEN ACTION!

Amiga A500 with Modulator, Mouse, 1 Meg Internal Disk Drive, 512KRAM, All Connecting Leads, Kickstart 1.3, 4096 Colours, Built-in Speech Synthesis, Multi Tasking, Workbench 1.3 System Disk, & All Manuals.

**FIVE GREAT SOFTWARE TITLES**

Back to the Future II, Beast II, Days of Thunder, Nightbreed, & for arts' sake Deluxe Paint II

*Film Fun at a Price to make the Box Office tills ring...*

**£365**



## AMIGA CLASS OF THE 90's PACKS

NOW THERE ARE TWO!

**ENDORSED BY THE NATIONAL ASSOCIATION OF PRIMARY EDUCATION**

The Totally New 1Mb... AMIGA CLASS OF THE 90's

**First Steps**

- Amiga A500 Computer
- AS01 0.5Mb Upgrade
- Pro-Write 2.5 (W.P)
- Deluxe Paint II
- Deluxe Print II
- Infofile (Dbase)
- Music Mouse
- Amiga Logo
- Talking Turtles

Let's Spell at Home  
BBC Emulator  
10 Commodore Disks  
Mouse Mat  
Resource File

An Introductory Video Tape approved by the National Council of Education Technology

**£539**

Add a Sorcerors Pack Tool

**NEW NEW NEW NEW NEW**

**NEW WITH COM & A NET 0.5mb. UPGRADE TO 1Mb.**

AMIGA CLASS OF THE 90's

Amiga A500 Computer, AS01 0.5Mb Upgrade, Midi Interface, BBC Emulator, Deluxe Paint II, Amiga Logo, Superbase Personal, Maxiplan, Publishers Choice, Dr T's Midi Recording Studio, 10 Blank Disks, Mouse Mat, Diskette Wallet

**£529**

Add a Sorcerors Pack Tool

**NEW NEW NEW**

WE SAY CHOICE...and we mean it. Not only have you got the choice of THREE great Amiga packs but you can also order EXTRAS AT SUPER LOW PRICES, create YOUR PACK...Just right for Christmas!

**NOW READ THIS!!!**

**CHOICE**

**SORCERORS PACK 1**

- 1 Mouse Mat
- 1 Amiga Dust Cover
- 1 Megablaster Joystick
- 1 Ten Blank Disks in Library Case

Only... **£16**

Only when purchased with an Amiga

**CHOICE**

**SORCERORS PACK 2...Extra Games Special!**

DATASTORM, DUNGEON QUEST, E-MOTION, GRAND MONSTER SLAM, KID GLOVES, POWERPLAY, RVF HONDA, SHUFFLEPUCK CAFE, MICROPROSE SOCCER, TOWER OF BABEL

Great games with a retail value of £224.50. Yours for just...

**£24**

Only when purchased with an Amiga

**CHOICE**

**SORCERORS PACK 3...Top Title Special!**

Purchase any of the LATEST GAMES TITLES from our 'SORCERORS SEVEN' software and pay EVEN LESS than the advertised prices...Buy as many as you like, phone us now for details!

Only when purchased with an Amiga

**SORCERORS PACK 4... The Ultimate!**

**CHOICE**

- 1 THIS IS IT! Sorcerors Packs...
- 1 1, 2 & 3 TOGETHER
- 1 Just in case you can't believe it this is what you get!
- 1 1-Mouse Mat
- 1-Amiga Dust Cover
- 1-Megablaster Joystick
- 10-Blank Disks & Library Case
- 10 Super Games (rrp £224.50)
- 1-New Release Software Title from our "SORCERORS SEVEN" Selection

From only **£38**

\* £42 when ordering titles at £29.99 rrp (See Listings)

Only when purchased with an Amiga

**NEW!**

**AMIGA 1500**

THE COMPLETE PERSONAL COMPUTER

THE SUPREME AMIGA PACK FOR GENERATIONS TO COME... CENTRAL PROCESSING UNIT (CPU)

The heart of your computer system with 1Mb of RAM, two 3.5" floppy disk drives, and 8 expansion slots. Fully expandable accepts all Amiga 2000 peripherals.

**CBM 10845 COLOUR MONITOR**  
Stereo, High Resolution monitor

**KEYBOARD AND MOUSE**  
Keyboard with numeric pad, 4 cursor keys, complete with 2 button mouse

PLUS SOME GREAT SOFTWARE...

- THE WORKS: Fully integrated Word Processor, Spreadsheet, & Database
- DELUXE PAINT III - 'The New One!'
- THEIR FINEST HOUR - The Battle of Britain, POPULOUS - The Promised Land, SIM CITY - Terrain Editor, and BATTLE CHESS - 3D Animated!

A superb value pack, in fact the ultimate!

**£1069**

**ALL MERLINS PRICES INCLUDE V.A.T. AND POSTAGE (UK Mainland)**

Whilst every effort is made to ensure that the information shown in our advertisement is correct, you should ALWAYS confirm any Offers, Prices, Availability etc. prior to placing your order. We endeavour to supply everything as shown and we will ONLY change anything should it be forced upon us by manufacturers or our suppliers. Because our advertising is booked so far in advance, Merlin therefore reserve the right to alter equipment specifications, withdraw any product/offer or update prices (and that can be either up OR down), without prior notice. PLEASE CHECK DETAILS PRIOR TO ORDERING.

Merlin guarantee NEVER to supply anything that has been subject to change without you, the customer, being informed of and agreeing to that change.

**ORDERING:** Just phone our 24 hour order line using your Access/Visa card, OR, send a cheque/postal order with your requirement details. (Cheques need clearance unless issued by Bank/Building Society for you)

**DELIVERY:** Goods will be despatched by post FREE OF CHARGE to UK Mainland addresses unless you request courier service (up to 25Kg) as follows:  
NEXT WORKING DAY...add £6 to order. TWO WORKING DAYS...add £5 or for SPECIAL SATURDAY DELIVERY...add just £12  
(Merlin will ALWAYS despatch goods day of order unless otherwise discussed)

**WARRANTY:** Goods that prove faulty within 30 days will be exchanged for NEW. After 30 days and within 12 months from purchase (6 months for software), faults will be repaired by the relevant manufacturers' repair agent and returned to you by courier. 'Sorcerors Seven' software will ONLY be exchanged for the SAME TITLE; no return will be granted (due to piracy of software by a minority who spoil things for everyone).

**COLLECTION:** Merlin Express are predominantly a mail order company but we welcome customers to our trade/collection counter who wish to pick up goods from us. Why not pay in person, we will always be pleased to help you with your enquiries.

**24 HOUR HOTLINE**

**0602 441442**

VISA

**UNTIL CHRISTMAS OPEN SATURDAY**

ALL our currently advertised offers supersede any previously advertised offer(s) and goods are NOT supplied on a trial basis. E & O E.



# Spellbound Prices!

# MERLIN

## 'SORCERORS SEVEN' SELECTION

SEVEN...LATEST SOFTWARE RELEASES BROUGHT TO YOU BY MERLIN EXPRESS AT A PRICE TO BEWITCH...

EXTRA DISCOUNT when you buy more than one title or with an AMIGA!

INCLUDE POSTAGE



- HOLLYWOOD COLLECTION**
- TEENAGE MUTANT HERO TURTLES**
- F19 STEALTH FIGHTER**
- BETRAYAL**
- GREMLINS II**
- ROBOCOP II**
- INTERNATIONAL SOCCER CHALLENGE**

All 48 year favourites are now after you! Best... (ATARI, (PC/DOS), CONSTRUCTORS 1 and 2, MAMA RABE) AND THE LAST DROPS. What a package. What a price!

It's probably going to be the BIGGEST title this Christmas. All the favourites are there: Gremlins, Michaelangelo, Raphael and Leonardo in an action packed game. (WARNING: TIME)

Forget about other flights of Fantasy... This is the Real World! F19 uses 409 600 sq miles. Fly over 714 the real thing! Over 2300 missions possible, both limited or conventional war. A quality of equipment, 4 real world weapons, 1 TV Stealth Fighter or laser!

Get a medieval time, this game involves economic, military and political relationships. Develop and explore the King and Bishop using ALL your power for fighting, financial and political weakness.

Based on those who have reviewed, with Gremlins and "Gremlins" up to their necks against The T Love, that!

Follow up in the highly successful Robocop, the first boxed game has got ALL the action you can handle.

The latest in football games from Amiga and moved to the highly acclaimed AmigaDOS Server. A mix of action and gameplay, aimed to suit ALL yet with excellent graphics and/or the realism!

- £23.99** (inc £29.99)
- £19.99** (inc £24.99)
- £23.99** (inc £29.99)
- £23.99** (inc £29.99)
- £19.99** (inc £24.99)
- £19.99** (inc £24.99)
- £19.99** (inc £24.99)

Please note the above titles are advertised now based on the release dates issued by software distributors. Each title should be available on or before the sale date of this magazine. We do not however accept responsibilities for delays in release dates by software houses or their distributors. We strongly recommend you check availability before placing your order. Faulty software will ONLY be replaced with same title and NO REFUNDS will be given. Prices inc. P&P

## MONITORS

COMMODORE 10845 14" Stereo High Res. Colour **£259**

NEW NEW NEW NEW NEW  
**PHILIPS CM8833/II Artist**  
14" COLOUR STEREO MONITOR WITH GREEN SCREEN SWITCH  
Compared to the popular CM8833 the new Artist version is sleeker looking than the old model and with Merlin you'll get the exclusive 'Artist' pack. This designer version is in colour keyed and includes a kit to apply to YOUR keyboard to match FREE!  
**£249**  
ALSO AVAILABLE AS STANDARD CM8833/II - £249

## DISK DRIVES

QUIMANA DRIVES...  
CB 354 1Meg. 3.5" Single Internal **£69**  
CAX 354 1Meg. 3.5" Single External **£85**  
CAX 1000 1Meg. 5.25" Single External **£129**

COMMODORE A590 20 Mb. HARD DISK DRIVE  
NEW LOW PRICE FOR THE UNPOPULATED  
VERSION OF CBM'S GREAT A590...  
COMING SOON...Official CBM 1Mb. and 2Mb. upgraded A590's PHONE FOR DETAILS NOW!  
**£279**

NEWS  
COMMODORE 1011 3.5" SECOND DRIVE  
Commodore's OWN external add on drive AND FULLY COMPATIBLE with YOUR Amiga...  
Compatible with ALL Amigas (1000, 1000, 2000, & 3000)  
8MB Formatted Capacity  
No external power required  
**£89.95**

## STAR PRINTERS

STAR LC 10 Mono	9 Pin Dot Matrix, 120/25cps MONO	<b>£159</b>
STAR LC 10 MkII	As LC10 Mono, 25% Faster 150/30cps	<b>£185</b>
STAR LC 24/10 Mono	24 Pin Dot Matrix, 180/60cps MONO	<b>£219</b>
STAR LC200 Colour	9 Pin Dot Matrix, 180/45cps COLOUR	<b>£205</b>
STAR LC24/200 Mono	24 Pin Dot Matrix, 200/67cps MONO	<b>£255</b>
STAR LC24/200 Colour	24 Pin Dot Matrix, 200/67cps COLOUR	<b>£289</b>

Merlin Express Limited is a STAR REGISTERED DEALER

## CITIZEN PRINTERS

CITIZEN 120D+	9 Pin Dot Matrix, 120/25cps MONO	<b>£139</b>
CITIZEN 124D	24 Pin Dot Matrix, 120/40cps MONO	<b>£219</b>
CITIZEN SWIFT 9	9 Pin Dot Matrix, 160/40cps MONO/COLOUR	
	MONO VERSION	<b>£199</b>
	COLOUR VERSION	<b>£229</b>
CITIZEN SWIFT 24	24 Pin Dot Matrix, 160/53cps MONO/COLOUR	
	MONO VERSION	<b>£289</b>
	COLOUR VERSION	<b>£319</b>

CITIZEN AUTHORISED DEALER  
Merlin Express are pleased to announce that we are now an Authorised Citizen Dealer and of course the CITIZEN 2 YEAR WARRANTY means an even better back up for you!

## AMIGA ACCESSORIES

DISK STORAGE BOXES		
80 Capacity	<b>£8.95</b>	
MOUSE MATS	<b>£4.95</b>	
DUST COVERS...		
Amiga, Star Printers, Philips Monitors	<b>£5.95</b>	
INCLUDING THE NEW STAR 200 RANGE!		
A501 0.5Mb RAM PACK	<b>£64.95</b>	
Complete with "Captive", 1Mb Game FREE!		
WTS 0.5Mb RAMPACK Compatible with the latest A500's.	No Clock <b>£31.95</b>	
	Enable/Disable With Clock <b>£39.95</b>	
KONIX SPEEDKING J/S	<b>£10.95</b>	

## COMMODORE BRANDED DISK PACK OFFER

Why buy unbranded, when you can get our Commodore Disks at such low prices?

BOX OF TEN COMMODORE 3.5" DISKS  
Only **£9.45** inc. p&p

FIFTY (50) COMMODORE 3.5" DISKS  
Only **44.95** inc. p&p

HUNDRED (100) COMMODORE 3.5" DISKS WITH A FREE LOCKABLE DISK STORAGE BOX  
Only **84.95** inc. p&p

**FREE HOLIDAY OFFER**  
...only whilst stocks last, we at Merlin will give you a FREE HOLIDAY VOUCHER BROCHURE with every Amiga purchased! Ask us for full details.  
**FREE**

Please note at Merlin we stock ONLY...  
**GENUINE UK SPEC EQUIPMENT**  
Some dealers aren't so ethical and because they stock 'Grey Imports' they may find their products slightly cheaper than ours. However, buyers beware! If the product you buy isn't UK, it may not carry an official UK WARRANTY (if that's what you want!)

Why don't you take advantage of **MERLINS BULK BUY DISCOUNT!**  
Remember if you are buying more than one item we can usually make you an offer of an extra discount, eg if you want to buy both a computer AND a printer it will cost you less than the two separately advertised prices!  
PHONE NOW AND DISCUSS A 'BULK BUY' DEAL WITH ONE OF OUR STAFF

If you see something advertised at a cheaper price, **MERLINS PRICE REVIEW POLICY...**  
means that we will try our hardest to compete. At the time of placing our ad we set prices that we feel are some of the most competitive around. However should a price drop in the meantime we promise to pass that on. Let us know if we're not competitive, we'd like the chance to try and better the competition.

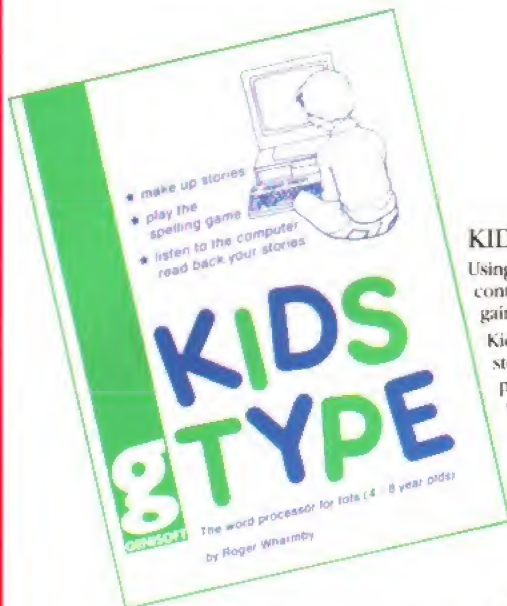
**MERLIN EXPRESS LIMITED**  
DEPT. AMF/M9, UNIT C7, THE ROPEWALK INDUSTRIAL CENTRE, STATION ROAD, ILKESTON, DERBYSHIRE. DE7 5HX  
TELEPHONE: 0602 441442 FAX: 0602 440141



GENISOFT brings you a new range of Amiga software. Software to learn with, to play with, to use in desk top publishing or artwork — software to help you get more out of your Amiga.

### PROCLIPS

"PRO Clips" is a set of structured Clip Art that can be used to improve the impact of your documents. The drawings can be used in colour or black & white, and can be resized or stretched to suit your needs without loss of quality. They can be used in any Amiga software that supports structured artwork, eg Professional Page, Pagesetter II, etc.  
£24.95 inc VAT

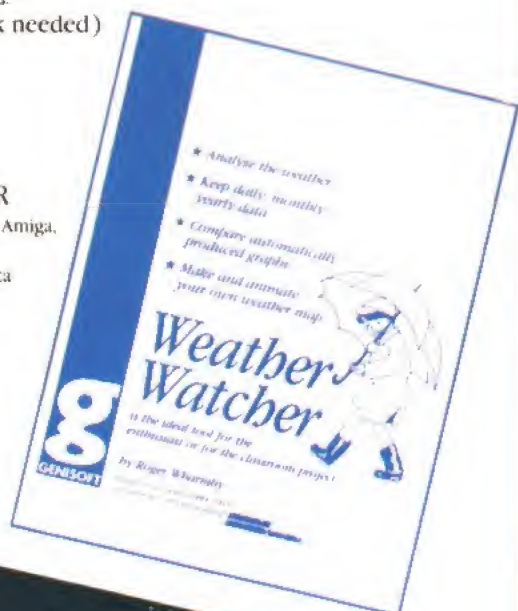


### KIDSTYPE

Using large characters, bright colours and easy to use controls, Kidstype is the ideal starting point for youngsters to both gain confidence in using computers and to create their own stories. Kidstype lets your youngsters add "letters associated" pictures into stories. They can be encouraged to type about the pictures and, if you want it to, Kidstype will speak what has been typed.  
£24.95 inc VAT (512k needed)

### WEATHER WATCHER

Based on Weather Report on the BBC micro and updated for use on the Amiga, Weather Watcher allows the user to keep and analyse weather data. Data can be analysed by month or by the whole year. Monthly average data tables are automatically calculated. Two different graphs can be displayed and analysed simultaneously. Comparisons of data given dates can be made.  
£24.95 inc VAT (1mb needed)



### VISTA

Vista is one of the most powerful landscape generating packages available for the Amiga. The user has full control over the scenes generated, controlling target and 'camera' positioning. Add lakes, rivers, snow, haze, stars or change the position of the sun. Animate scenes and move around the terrain you create. Vista creates landscapes in 4 resolutions and displays in 4096 colours (HAM mode). Comes complete with 4 real landscapes.  
£59.95 inc VAT (1mb needed).



### DISTANT SUNS

The astronomy product for the Amiga. 2,200 stars, 450 deep sky objects in an authentic astronomically correct sky. Choose any place on earth for your observatory from 8,000 B.C. to 12,000 A.D. (9,100 star expansion disk available).  
"... it's really beautiful, especially when the lights are off. I'm totally awed by what you have done!" quote from Arthur C. Clarke, author of 2001: A Space Odyssey  
£44.95 inc VAT (1mb needed)

Contact your local dealer for further details

Genisoft products are distributed in the UK by:  
GEM Distribution Ltd — 0279 412441  
HB Marketing Ltd — 0753 686000  
Leisuresoft Ltd — 0604 768711  
Solica Distribution Ltd — 081-300 3399

**g**  
GENISOFT

FOR YOUR LOCAL DEALER RING  
0753 680363



If you've just got an Amiga with a paint package, or you have a good graphics program just lying around unused, this guide from **BRIAN LARKMAN** will give good results quickly.

# Starting Out in Graphics



**L**ets face it, the vast majority of Amigas are bought to play games on: but after games, the most popular reason for sticking a floppy in the drive is to 'do some graphics'. Currently the favoured programs are *Deluxe Paint* (Two or Three), *Photon Paint* (One or Two) and *DigiPaint3*, in that order. This article is not intending to compare these pieces of software, but rather to show you how to get started with them - ways to overcome 'blank screen syndrome' and get good results quickly.

### Starting

You bought the software to paint with, not to read, right? So who wants to read manuals? Just get stuck in, but please use a backup of your master-disk. If you want to know the basics of screen painting just read the box-out **MOUSEPAINTING** on this page, but the only way to get to grips with painting on a table with a bar of soap while watching the telly - that's what it feels like to begin with - is to do it, so go away and play.

### Starting Again

Once you have got the feel of mouse-painting with the basic tools, you will

want to do more. Try loading in some of the sample art. All paint packages include demo pictures and a lot more is available from Public Domain (PD) libraries and as commercial clip-art.

Transforming other people's work is not only great fun, but also the best way to learn about the various tools and effects. Take the demo pictures and cut bits out - use the Scissors icon in *Photon Paint* (called *PP* for the rest of this article) and *DigiPaint* (*DGP* hereafter) and the frame icon next to the *A* in *DeluxePaint* (*DP*) - and bend them about.

The Brush Menus of *DP* and *PP* are an absolute playground for cutting, pasting and transforming pictures. *DGP* has a much more limited Effects Menu but almost makes up for it with 'TxMap' Texture Mapping. (You must use Brush/Swap/CopyThisBrush then Mode/TxMap then any tool with Fill).

As you get more practised, look at the original work in detail and try to copy the results to see how they did it. To begin with, though, try giving King Tut or Jim a silly smile and Charlie ears. See the picture *King Tut's Ears* for an example.

**ABOVE:**  
**RUBTHRU FISH**  
*DigiPaint's RubThru mode. Experiment with lots of tools and colours, then use Swap/CopyThisPicture on the Picture menu and clear the screen. Select RubThru on the Mode menu. A drawing operation will reveal the copied picture. Most of this picture used full edge transparency and none at the centre.*



**ABOVE:**  
**KING TUT'S EARS**  
*Using (abusing?) the demo pictures that come with your paint package is the best way to learn.*

### Making The Gradient

Gradient Fills allow any paint program to create the illusion of 3D. The more colours you have in the gradient, the better the illusion. *Deluxe Paint*, with a maximum of 32 or 64 colours, is more limited than the other two but can still produce convincing images if you limit the number of objects.

Start with the range of greys. Click on the Fill Tool with the Right mouse button to bring up the Fill Requestor. Select the Horizontal Line Fill button (the ellipse with L&R arrows to the right of the word Gradient) and OK. Select any grey shade. Now, all filled tools will give a gradient fill of greys; filled circle draws a sphere, filled rectangle a cylinder and, most convincing, filled freehand produces an irregular rounded object.

When you feel up to it, try changing the darkest grey in the palette to 444 instead of 333 then Spread to the other end of the range. This produces a much smoother spread of shades. Also, once a gradient object is drawn on screen, try reversing the arrow to the right of Speed on the palette, then drawing onto the object. This reverses the gradient and gives an



reverses the gradient and gives an indented or eroded look.

### More Gradients

However good DP gradients can look, they are nothing to those produced by DGP and PP using 4,000 instead of 32 shades. This is the real strength of these HAM programs, the ability to wash a wide range of shades over the screen, producing delicate contoured objects and degrees of transparency.

Both programs allow you to set the degree of transparency or gradient, position the highlight and vary the transparency at edges or centre. Play with the Transparency Controls in DGP or Blend Set Requester of PP until they are familiar. It is these that are the key to creative use of both programs. In DGP the Range Colours (to the right of the palette) control solid objects and can be applied if you select Range from the Modes menu: in PP you must select GRD on the Blend Set Requester.

### Starting Points



Deluxe Paint has some lovely toys, especially Symmetry and Colour Cycling which most people get obsessed with at first. Use small brushes and freehand draw to start with (all the tools will draw with symmetry but Fill can give you the 'zzz' bubble, so avoid it). Try the grey freehand gradient fill, as above, with symmetry. The feeling of depth can be amazing. Try clicking with the right-hand mouse button on each tool and varying the parameters.



Photon Paint is wonderful at creating the illusion of 3D. Load in any image, pick it up as a brush (set Brush/Trans to on) and wrap it onto a 3D shape. You need to set the Luminosity to get the best effect. (Try Intensity at about 6 and contrast at about 8, and light source up and to one side for medium/strong shading).



DigiPaint has a fascinating RubThru mode. After experimenting with lots of tools and colours, use Swap/Copy This Picture on the Picture menu and clear the screen. Select RubThru on the Mode menu. Now any drawing operation will reveal the copied picture. This is especially effective with Transparency in operation.

## MOUSEPAINTING

Of course most of this information is in the manuals, but most of us just want to get started straight off without hours of intensive reading, so here is an instant guide to electronic painting!

### BASIC TERMS AND PRINCIPLES

the screen display can be likened to a piece of graph paper with a fine and invisible grid. Each square is called a PICTURE ELEMENT or PIXEL. A picture is built up as a 'mosaic' of pixels. Each square is filled with a single colour lit from behind like a stained glass window.

This way of building images is very efficient - amazingly realistic pictures can be created with just 16 or 32 colours - but lines and edges can appear jagged, because the transitions of colour are quite sharply stepped.



**RIGHT: ROUND GORILLAS**  
Photon Paint's Wrap feature can easily create the illusion of 3D. Load in the image, pick it up as a brush and wrap it onto a 3D shape. Set the Luminosity with Intensity at about 6 and contrast at about 8, and light source up and to one side for medium/strong shading. Don't use dither unless the shading is strong.



**BELOW: GRADIENT MOON**  
To use the grey gradient in Deluxe Paint, try changing the darkest grey in the palette to 444 instead of 333 then Spread to the other end of the range. This produces a much smoother spread of shades. Once the gradient object (in this case a sphere) is drawn on screen, reverse the arrow to the right of Speed on the palette, then draw onto the object. This reverses the gradient and gives an eroded or cratered look. The slight blur on this picture was achieved by picking the whole thing up as a brush, then pasting down with Smooth (F8) selected.



The Amiga can display pixels in several different sizes, but smaller pixels = more detail = more memory used = fewer colours. For most uses therefore, lo-res is best or at least easiest. The exception, HAM, is a software trick that allows all 4096 colours on screen.

The PALETTE is the range of colours that you choose - in Deluxe Paint the maximum is 32 - if you change a colour in the palette you change all pixels of that colour on screen. HAM is unlimited. That means any pixel can be almost any colour - but fringing effects can be caused. (see your manual for an explanation of this term).

### BASIC TOOLS

#### 1 RUBBER-BANDING

The most simple tool of computer painting is unique. No conventional system can quite match

## DRAWING FROM LIFE

For the novice starting with animation, making your own realistic AnimBrushes can be very hard. An inexpensive way to start is the Real Things series from RGB Studios (0825 892666). The latest is Real Things Humans.

Life drawing is a bit like circuit training - it hurts while you are doing it but you know it's doing you good, so you come back for more. For most people, though, drawing the human form accurately is just about the most difficult part of art! Once again RGB Studios have come up with the goods to take the pain out of painting.

Real Things Humans continues in the spirit of the series by giving you human figures in action - running, walking, jumping, jogging. It also provides lots of accessories - like clothes and alternative heads!!





its simplicity. If you set an initial point, any line, box, ellipse or polygon can be dragged out elastically. When the desired size or shape is reached, a second click will set it.

**2 AIRBRUSH**

Individual pixels can be coloured at random over a small area to give the effect of a spray. The central area of the spray is usually weighted to receive more than the edges.

**3 CUSTOM BRUSHES**

Any area of the screen can be copied and picked up as a 'brush' (see the main text). The speed of the Amiga allows this brush to be pasted down repeatedly onto the screen giving rise to some spectacular and useful effects.

**4 FLOOD FILL**

Any area of pixels of a single colour can be

changed by flooding. Starting from a single point, every adjacent pixel (horizontally or vertically - not diagonally) is changed to the current selected colour until a boundary is reached.

**5 GRADIENTS**

A block of pixels can be made to vary its colour from side to side, stepping smoothly through a gradient of tones or colours. Curving surfaces or surfaces lit from one side can be simulated on screen with a gradient fill.

**6 DITHERING**

Colour stepping causes bands of each colour to appear on the object. These bands can be smoothed out by moving some pixels of each colour across the boundary, blurring or 'dithering' the edge. Dithering can also be used to give the effect of extra colours by 'optical mixing'. (Alternate red and yellow pixels appear orange.)



- and on-screen tutorials, but this time there are no backgrounds. The subject is so diverse and the previous two packages had such a rich selection of environments that these have been discarded to make more room.

In fact there is so much material that a second set will have to be produced. Many of these extra files are being published as *The Private Collection*. See the *RT Humans* manual for details.

Speaking of the manuals (manuals? what other clip-art includes even one manual?) they are simple and concise yet dense with information. Together with the on screen tutorials, they bring new insights even to experienced users - the treatment of water in *RT Birds*, the use of Outline to get radial gradients in *RT Humans* - all these bring you back to *Deluxe Paint* repeatedly, even when more sophisticated HAM packages might have seduced you away.



**WHICH PACKAGE?**

Each of the three most popular screen-painting packages has strong and weak points so the ideal is to own all three! If you can only choose one, the following summary may help.



**DELUXE PAINT**

*DPaint* is an extremely versatile, fast and friendly general purpose paint program - and with version Three, it has become an excellent simple animation package too. It features good brush manipulation, especially when it comes to the excellent perspective tools. It has good colour, blending, shading and smoothing effects, particularly considering that it has only 32 colours. No HAM, but every other mode. Animation is fantastic. Sets the standard, but just beginning to show its age.

**DIGIPAIN**



This is a brilliant, fast and easy-to-use HAM painting package - in other words, it can use 4,096 colours as opposed to *DPaint's* 64. It has limited brush manipulation tools but very fast gradient and range tools, all accessed via a simple and intuitive interface. This is the best paint program for artists: excellent

watercolour, pastel and charcoal-like effects are possible. It will work with a super-bitmap (larger than screen size canvas, the size of which is limited only by memory). No animation.

**PHOTON PAINT**



A versatile general purpose HAM package though rather slow at times. Features excellent brush manipulation tools, especially wrap and contour, and is perfect for collages. Blend, transparency and gradients are good, but Effects are complex. Some animation.

**PAINTBOX ANIMATION**

*Deluxe Paint III* and *Photon Paint 2* both provide facilities for animation. *DPaint's* animation is far more sophisticated than *PP's* because it allows all of the tools to be used to move animated brushes in all three dimensions, along any path, automatically. It also features AnimBrushes which animate as you use them.

*Photon Paint 2* does allow multiple pages which can be flipped, but all movement must be done manually. If you have both packages it is possible to produce all of the moves using flat, coloured brushes, with no background, in *DP* then move the Anim file to *PP2* to add HAM contours and background.





# MICROSMART

## AMIGA UTILITIES & BUSINESS

Aegis Softix	£19.99	Microbase Database	£19.25
A-Max (Mac-Emulator)	£109.99	Peri Pal (Pal 1MB)	£36.90
A-Max with 128K ROMS	£209.99	Prodata	£54.00
DevPac II	£44.99	Prostat 4.2 (1MB)	Recommended: £64.90
Digital	£27.99		
HiSoft Basic	£59.99		
Kindwords	£17.99		
Lartec C V.4	£134.99		
Mavis Beacons Typing	£19.99		
PageSetter	£99.99		
Prostat V.4	£59.99		
Superbase Personnel II	£21.99		
		<b>ART &amp; SOUND</b>	
		A.M.O.S.	£32.99
		Can Do	£89.99
		Deluxe Paint II	£39.99
		Deluxe Paint III	£59.99
		Deluxe Print II	£34.99
		Deluxe Music Core Set	£49.99
		Deluxe Video III	£59.99
		Fanstation	£24.99
		MasterSound	£32.00
		Proton Print II	£14.99
		Quartet	£34.99
		Studio Magic	£52.99
		Accountant V3.3	£121.90
		Devasc ST V2.0	£41.90
		First Word Plus	£55.90
		Fleet Street Publisher	£87.90
		HiSoft Basic	£55.90
		HiSoft C	£34.90
		K-Data	£34.90
		K-Graph 2	£29.90
		K-Spread 1	£16.75
		K-Spread 2	£41.90
		K-Word 2	£29.90
		Lattice C	£104.90
		Mailshot Plus	£34.90
		Prodata	£55.90
		Prostat V4.2	£60.90
		Purchase Ledger	£34.90
		Sales Ledger	£34.90
		Swiftcalc	£29.90
		Timeworks DTP	£89.90
		<b>WORDPROCESSORS</b>	
		Excellence 2	£129.95
		Kindwords 2	£34.95
		PeriPal	£39.92
		Prostat	£64.96
		ProWrite 3	£94.82
		Scrubble Platinum	£14.86
		Transcript	£32.89
		Wordperfect	£164.81
		Wordpad Plus	£89.92
		Word Infection Prot.	£34.96
		X Copy Backup/Editor	£17.94
		Your Family Tree 2	£1.00
		<b>VIDEO</b>	
		Credit Text Scroller	£29.90
		Deluxe Video 3	£59.92
		Day View Gold 4	£119.83
		FrameGrabber	£569.94
		Gold Disk Type Video	£34.98
		HiSoft Camera & 16mm Lens	£199.87
		Kars Headline Fonts 2	£34.97
		Motion Genlock	£99.82
		Project 2	£31.97
		The Director	£47.84
		The Director Tool Kit	£27.83
		Tide Page	£139.84
		TV Test Professional	£96.82
		Video Test	£84.87
		Video Amiga PAL DigiScan	£94.99
		VideoChroma	£19.76
		ZeeVlope 1MB	£79.87

## MICROSMART MEGA DEALS!

Half Meg Upgrades	
512K Upgrade inc. clock with	
<b>It Came From The Desert £54.99</b>	
512K Upgrade inc. clock with	
<b>Gold The Realm £49.99</b>	
512K Upgrade inc. clock	
<b>Dragons Lair £69.99</b>	
512K Upgrade inc. clock with <b>ACE £49.99</b>	
512K Upgrade inc. clock	
<b>Dungeon Master £69.99</b>	
512K Upgrade inc. clock	
<b>Manhunter 2 £69.99</b>	
Naksha Mouse with hard mat & house	
<b>£26.00</b>	

## EDUCATIONAL

Answer Back Junior	AMIGA	£13.99
Answer Back Senior	£13.99	
Dinosaur Discovery Kit	£14.99	
Discovery Chemistry	£13.99	
Discovery Maths	£14.99	
Discovery Words	£14.99	
First Letter & Words	£14.99	
First Shapes	£14.99	
French Mistress	£13.99	
Fun School II (under 16)	£12.99	
Fun School II 6-8	£12.99	
German Master	£13.99	
Italian Tutor	£13.99	
Kid Talk	£14.99	
Math Talk	£14.99	
My Paint	£22.99	
Puzzle Storybook	£14.99	
Rhythmic Notebook	£14.99	
Spanish Tutor	£13.99	

## THE YOUNGER YEARS

NEW Fun School 3 Under 5	AMIGA	£16.99
NEW Fun School 3 5-7 years	£16.99	
NEW Fun School 3 7 and over	£16.99	
Junior Typist	£18.99	
Micro English (GCSE)	£17.99	
Micro Maths (GCSE)	£17.99	
Micro French (GCSE)	£17.99	
Mega Maths (GCSE)	£17.99	
Things to do with Numbers	£15.99	
Things to do with Words	£15.99	
AB Zoo	£ 3.99	
Spell Book 4-9	£13.99	
Lets Spell at Home	£13.99	
Lets Spell at the Shops	£13.99	
Puzzle Book Vol 1	£39.99	
Amiga Logo	£39.99	
Mavis Beacon Teaches Typing	£18.49	
Answer Back Junior	£13.99	
Answer Back Senior	£13.99	

## THE NATIONS TOP 50 TITLES

Bomber Mission Disc	AMIGA	£13.99	Klax	AMIGA	£ 9.99
Budokan	£16.99	Last Ninja II	£16.99	1/2 Meg Upgrade with	
Castle Master	£14.99	Leisure Suit Larry 3	£26.99	clock	£44.99
Chase HQ	£16.99	Lost Patrol	£16.99	Adidas Football	£16.99
Chess Champions 2175	£18.99	Manchester United	£14.99	AM1 Attack Sub	£16.99
Codename Iceman	£23.99	Manhunter in San Francisco		AM2	£34.99
Colonels Bequest	£26.99	(1 Meg)	£14.99	Amstrad	£16.99
Conquest of Camelot	£26.99	Midnight Resistance	£16.99	Amiga Magic Hammer	£16.99
Corporation	£16.99	Midwinter	£18.99	BAT*	£16.99
Damocles	£14.99	Neuromancer	£16.99	Back to the Future 2	£16.99
Dragons Breath	£18.99	Operation Thunderbolt	£16.99	Balance of Power '90	£16.99
Dynasty Wars	£16.99	Pipe Mania	£14.99	Barbie of Britain	£16.99
Emlyn Hughes Soccer	£12.99	Player Manager	£16.99	Barbie Top 1 or 2	£16.99
Escape from Singes Castle	£26.99	Projectyle	£16.99	Best Block Barbie Tale 2	£16.99
Escape Planet or Robot		Rainbow Islands	£16.99	Bolshoi Caped Crusader	£16.99
Monsters	£13.99	Red Storm Rising	£16.99	Bonnie the Movie	£16.99
F-29 Retaliator	£16.99	Shadow Warrior	£16.99	Burrito Command	£16.99
Fire and Brimstone	£16.99	Space Ace	£26.99	Cartoonist	£16.99
Flood	£16.99	Space Quest II (1 Meg)	£22.99	Cartoonist 2	£16.99
Hero's Quest (1 Meg)	£23.99	Super Cars (Gremlin)	£16.99	Cartoonist 3	£16.99
Imperium	£16.99	Their Finest Hour	£19.99	Cartoonist 4	£16.99
International 3D Tennis	£14.99	The Plague	£14.99	Cartoonist 5	£16.99
Iron Lord	£16.99	Turrican	£13.99	Cartoonist 6	£16.99
It Came From The Desert	£16.99	TV Sports Basketball	£14.99	Cartoonist 7	£16.99
(1 Meg)	£15.99	Ultimate Golf	£16.99	Cartoonist 8	£16.99
Kick Off 2 + World Cup	£22.99	Unreal	£16.99	Cartoonist 9	£16.99
Kings Quest 4		X-Unreal	£13.99	Cartoonist 10	£16.99

## MICROSMARTS £ SAVING OFFERS!!

3 Stooges	AMIGA	£ 7.99	Drum Studio	AMIGA	£ 4.99	Pacland	£ 7.99
Airborne Ranger	£ 9.99	Dynamite Dux	£ 7.99	Pacmania	£ 7.99	Paperboy	£ 8.99
Animals of Rome	£ 9.99	Fish	£ 7.99	Paperboy	£ 8.99	Passing Shot	£ 4.99
Ant Heads	£ 7.99	F/ball Manager II	£ 9.99	Question of Sport	£ 3.99	Rocket Ranger	£ 6.99
Art of Chelsea	£ 9.99	Exp Kit	£ 12.99	Rocket Ranger	£ 6.99	Running Man	£ 4.99
Austeritz	£ 4.99	Galaxy Force	£ 3.99	Running Man	£ 4.99	Shufflepuck Cafe	£ 4.99
Baal	£ 4.99	Gaijorgons Domain	£ 5.99	Silent Service	£ 9.99	Sim City	£14.99
Ballistics	£ 4.99	Garment II	£ 7.99	Sim City	£14.99	Spy vs Spy	£ 4.99
Barbarian 2 (Palace)	£ 7.99	Grand Prix Circuit	£ 9.99	Spy vs Spy II	£ 4.99	Spy vs Spy III	£ 4.99
Barst Tale 1	£ 7.99	Hollywood Poker Pro	£ 9.99	Spy vs Spy III	£ 4.99	Super Hang On	£ 8.99
Beast & T-Shirt	£ 10.99	Infestation	£ 9.99	Tank Attack	£ 7.99	The Cycles	£ 8.99
Blastroids	£ 9.99	Ingrids Back	£ 9.99	Teetotal	£ 4.99	Tower of Babel	£ 8.99
Blood Money	£ 9.99	Interphase	£ 9.99	Treasure Dizzy Island	£ 4.99	Trivial Pursuits	£ 9.99
Bloodwych	£ 9.99	Kristal	£ 6.99	Trivial Pursuits	£ 9.99	New Begin	£ 6.99
Boulderdash Const Kit	£ 9.99	Laser Squad	£ 9.99	TV Sports Football	£12.99	UM S.	£ 9.99
Brian Clough's	£ 6.99	Leaderboard	£ 6.99	Wierd Dreams	£ 8.99		
Football	£ 7.99	Lombard RAC Rally	£ 9.99				
Captain Blood	£ 7.99	Lords of the Rising	£ 9.99				
Centrefold Squares	£ 4.99	Manic Miner	£11.99				
Commando	£ 7.99	Marble Madness	£ 7.99				
Conflict in Europe	£ 9.99	Menace	£ 4.99				
Cyberoid II	£ 4.99	Millennium 22	£ 9.99				
Daily Double Horse	£ 9.99	Mr Hell	£ 4.99				
Racing	£ 4.99	Netherworld	£ 8.99				
Dizzy Dice	£ 4.99	North & South	£ 9.99				
Dragon Spirit	£14.99						
Drakken							

## COMING VERY SOON!!! TELEPHONE FOR LATEST DETAILS

4D Boxing	AMIGA	£16.99	Navy Seals*	AMIGA	£16.99
AFT 2*	£16.99	Platinum*	£19.99	Palantian Mission Disk	£16.99
Awesome*	£24.99	Pool of Radiance	£19.99	Palantian Mission Disk 2	£16.99
Buck Rogers*	£19.99	Predator 2*	£16.99	Party Tale Adventure	£13.99
Captive*	£16.99	Puzznic*	£16.99	Party Formula 1	£16.99
Carthage*	£16.99	Reach for the Skies*	£16.99	Fighting Saboteur	£16.99
Crime Wave	£16.99	Rocky Horror Show*	£16.99	Final Battle*	£16.99
Curse of Azure Bonds*	£16.99	Rogue Trooper*	£16.99	Final Battle 2*	£16.99
Death Trap*	£16.99	Rotator*	£16.99	Fire & Brimstone	£16.99
Deluxe Paint	£19.99	Search for the King*	£19.99	Fire & Forget 2*	£16.99
Dragon Strike*	£16.99	Secrets of the Luftwaffe*	£19.99	Flight of the Intruder	£16.99
Dusler*	£16.99	Sega Master Mix*	£19.99	Flt Ops 2 or 11	£16.99
E-Swat*	£16.99	Shadow Sorcerer*	£16.99	Flt Ops 2 or 11	£16.99
Epic*	£16.99	Sound Express	£29.99	Flt Ops Japan	£17.99
Eye of the Beholder*	£16.99	Spellbound*	£16.99	Football Director 2	£12.99
Fire and Forget 2*	£16.99	Strider 2*	£16.99	F/ball Manager 2 g14	£12.99
Flip It and Magnose*	£16.99	Teenage Mutant Turtles*	£19.99	F/Dealer of the Year 2	£16.99
Golden Axe*	£16.99	TNT*	£19.99	Flt Ops 2 or 11	£16.99
Goldboat*	£16.99	Tournament Golf*	£16.99	Fun School 2 (6-8)	£16.99
Hollywood Collection*	£16.99	Toyota Celica*	£16.99	Fun School 2 (8-16)	£16.99
Indianapolis 500*	£13.99	Vaxine*	£16.99	Fun School 2 (over 16)	£16.99
Judge Dredd*	£14.99	Wildfire*	£19.99	Fun School 2 (under 6)	£16.99
Kick Off (1 Meg)	£16.99	Wolf Pack*	£19.99	Future Wars	£16.99
Line of Fire*	£16.99	Wonderland*	£19.99	Ghostbusters 2	£16.99
Mean Streets*	£49.99	World Champ Soccer*	£16.99	Ghost & Goblins	£16.99
Mig 29*	£16.99	Wrath of the Demon*	£16.99	Gold of the Americas	£16.99
Music X Jnr	£16.99			Gold of the Arctic	£16.99
Narc*				Golden Shoe*	£16.99

## ACCESSORIES

Naksha Mouse	£ 26.00
Kick Off II 1 meg with upgrade inc clock	£ 49.99
Contriver Mouse	£ 18.00
Commodore 1084S Stereo Monitor	£ 249.00
Power Drive	£ 59.99
Cumana Drive	£ 89.99
QS II Turbo	£ 9.99
QS III Turbo	£ 9.99
Pro 5000	£ 12.99
Navigator with Autofire	£ 10.99
40 Lockable Disk Box	£ 5.99
80 Lockable Disk Box	£ 7.99
Mouse Mat	£ 3.99
Mouse House	£ 7.99
Amiga 4-Player Adapter	£ 4.99
Amiga 500 Dust Cover	£ 3.99
Disk Cleaning Kit	£ 6.99
Box 10 Bulk Disks	£ 9.99
Branded Sony (Box 10)	

## COMING SOON... TEENAGE MUTANT TURTLES £16.99

## THE ULTIMATE COLLECTION

1/2 Meg Upgrade with	AMIGA	£16.99	Hot Book Laser Slalom	AMIGA	£12.99
clock	£44.99	Leadboard Berlin	£16.99	Leadboard Berlin	



# MAIL ORDER

**0908 564369 (10 Lines)**

## Amiga A500 Screen Gems Pack £379 inc VAT & Next day Courier

Screen Gems Pack includes:

Amiga 500 512K keyboard with built in 1 Meg disk drive • Free TV Modulator worth £24.99 allowing you to use the Amiga with a normal TV • Joystick, mouse mat + 10 blank disks, mouse + mains plug • Amiga basic, Amiga extra's 13 workbench 13 PLUS Amiga step by step tutorial • With a further four new releases • Shadow Beast II, Back to the Future II, Nightbreed and Days of Thunder

## Amiga A500 Screen Gems Pack Extra £399 inc VAT & Next day Courier

Screen Gems Pack includes:

Amiga 500 512K keyboard with built in 1 Meg disk drive • Free TV Modulator worth £24.99 allowing you to use the Amiga with a normal TV • 10 free games PLUS software has a potential RRP of £200 • Joystick, mouse mat + 10 blank disks, mouse + mains plug • Amiga basic, Amiga extra's 13 workbench 13 PLUS Amiga step by step tutorial • With a further four new releases • Shadow Beast II, Back to the Future II, Nightbreed and Days of Thunder

## Amiga 1500

The Amiga 1500 Personal Home Computer is the ultimate in Personal Home Computers for the whole family. Platinum works - integrated - Word Processor, Database and spreadsheet. Deluxe Paint 3 - the ultimate in paint packages. Populous and Sim City - State of the Art strategy games. Battlchess - the chess programme amongst all chess programmes. Their Finest Hour - The battle of Britain brought to life in a technical flight sim. A1084's stereo colour monitor to get the best from your Amiga. The Amiga 1500 has been designed around the already popular Amiga A500, but with hardware facilities that would put any mid range business machine to shame.  
Please call for further details  
**£1049.00 inc VAT + next day courier service.**

## AMIGA A500 CLASS OF THE 1990's BUSINESS + EDUCATIONAL PACK £499.00 inc VAT & next day courier

### FEATURES

Amiga A500 TV Modulator • Midi Interface-Software • Kind Words II wordproc'or • Page Setter DTP • Super Base Personal Database • Maxplan 500 spreadsheet • Amiga Logo BBC Emulator Deluxe Paint II • Mouse mat 10 Blank Disks and disk wallet

## AMIGA A500 SOUND & VISION PACK £399 inc VAT & next day courier

Bat Games Pack Includes: 10 free games inc Blasteroids, Wizball, Menace, Buggy Boy • Amiga A500 512K keyboard with built in 1 Megabyte Disk Drive. • Free TV Modulator worth £24.99 allowing you to use the Amiga with a normal TV • Deluxe Paint 11 Graphics Package • Shadow of Beast II horizontal scrolling games software • Back to the future film action software • Nightbreed state of the art graphical arcade action • Free joystick, mouse mat and 10 blank disks • Amiga Basic Amiga Extras 1.3 Workbench 1.3 PLUS the Amiga Step by Step Tutorial • All leads manuals PLUS Mouse and Mainsplug • PLUS Days of Thunder serious fast action games software

**HALF MEGS - Quality four chip ram board with complete utility disk support with software on/off switch.**

**£34.99**

**AMIGA + ST DRIVES - A powerful 880K formatted drive with an external on/off switch, anti clicking and daisy chain facility.**

**£59.99**

## MONITORS

Commodore Amiga A1084 Stereo Monitor inc lead.....£269.00

Phillips CM8833 stereo colour monitor inc lead for ST or Amiga.....£259.00

4096 coloured stereo monitor with first class reproduction including leads for ST & Amiga.....£259.00

**Naksha Mouse - Quality micro switched, accurate Amiga ST OR Amstrad PC Mouse**  
**£26.00**

**Contriver Mouse - The perfect direct replacement mouse for the ST or Amiga**  
**£18.00**

## PRINTERS

Star LC24 1024 Pin incl lead ST/ Amiga.....£249.00

Star LC10 including lead for ST/ Amiga .....£169.00

Star LC10 colour including interface lead for ST/Amiga.....£219.00

LC10 - The most popular letter quality printer on the market only £219.00 with all Amiga + ST leads

**Tel: 0908 564369, Fax: 0908 560040**

**MICROSMART 24HR HOTLINE (24 HRS) TELEPHONE 0908 564369**

TITLE	COMP	PRICE
TOTAL COST £:		

Have you ordered from us before? YES NO

NAME: .....

ADDRESS:.....

.....

.....

TEL NO: .....

Please send this to Microsmart, 125 High Street, Stony Stratford, Milton Keynes. MK11 1AT





OUR PERFORMANCE  
& SUPERIOR QUALITY...



...RESTS ON OUR NAME!

When it comes to mice and scanners, *Naksha* clearly lead the way. *Naksha* build mice and scanners with high precision designs and the very best components.

The *Naksha Upgrade Mouse* is silky smooth, operating at a high 280dpi resolution. Supplied with Mouse Mat and Pocket. No Cables — No Fuss. Simply plug in and go.

*Naksha Scanners* with a switchable resolution between 200 and 400dpi halftones and dual roller tracking, remain straight and true. *Naksha Scanners* come supplied with interface, "express IT" software and either *Degas Elite\** or *Deluxe Paint II\**.

The *Naksha Mouse* and *Scanner* are available for both the Commodore Amiga and the Atari ST range of computers.

For further information call (0925) 56398 OR any of our distributors listed below for your nearest dealer OR visit any Dixons, Harrods, Selfridges, Bentalls or Makro store.

\**Degas Elite* supplied for Atari. *Deluxe Paint II* supplied for Amiga.

Naksha (U.K.) Limited, 29 The Wharf, Warrington WA1 2HT. Tel: 0925 56398 Fax: 0925 574375

GEM (0279 442842) - CENTRESOFT (021 625 3399) - SDL (081 300 3399) - ZCL (0543 414817) - LAZER (0404 406600) - HB MARKETING (0753 686000)  
GARWOOD (0245 46077) - AASHIMA UK (0376 502050) - ADDONS (0705 620202) - LEISURESOFT (0604 768711) - MULTIMEDIA (0908 261010)  
LIBERTY (0753 586805) - LIGHTWAVE (051 630 5005) - COLUMBUS (0457 860500) - MCD (0268 590091) - AV MARKETING (0279 452733)

Trade marks and Registered Trade Marks are acknowledged



Anyone who is interested by computer graphics will understand the fascination of the moment when they first see their work displayed in 24-bit colour at high resolution. Immediately, all the problems dissolve.

No more chunky pixels, bands of colour, fringes and grainy surfaces – instead, smooth, delicately shaded objects and perfect textures. If you are serious about graphics you just gotta have it – whatever the cost! If you can't afford it, just don't look!

**Front Runners**

The Amiga Centre Scotland are the first in this country to come up with a real 24/32-bit frame buffer card that we can buy and use. The Harlequin frame buffer, originally planned to cost about £700, has ended up being quite expensive – between £1400 and £1800 – because it is very good.



# Harlequin

True Colour card ■ £1400+ ■ Amiga Centre Scotland 031 557 4242

True broadcast quality output, 32-bit design, multiple resolutions (max 910x576), PAL or NTSC, full over-scan, optional double buffering and Alpha channel, programmer's interface and up to 4Mb of Video RAM makes an impressive specification geared especially to graphics and video use. Harlequin is designed to fit the 100-pin Zorro spec for the Amiga 2000 or 3000 series – there are no plans for 500 or 1000 versions.

To display images, you require a monitor which accepts RGB analogue signals (horizontal frequency of 15.625 KHz interlaced or 31.25 KHz non-interlaced, vertical frequency of 50Hz, for PAL systems; for the American NTSC, 15.734 horizontal in interlace or 31.5 non-interlaced and 60 Hz vertical). In practise, this means that your standard 1081 or 1084 monitor will display direct in interlace mode and a VGA-type monitor in non-interlace. A multisync monitor will happily display in both.

If you are a professional, this is probably the card for you: home users will need something cheaper that will work in an A500. And Harlequin is not alone. In America there are at least two more 24-bit cards and, at the last count, thirteen are ready or in preparation worldwide. Among all these some are going to be much cheaper – maybe as low as £300. Similarly, at least eight 24-bit painting, rendering or image processing systems are under development or ready – three or four by the time you read this.



**What's it Like to Use?**

Technolust aside, it is very easy, even at this early pre-production stage. The board is a two-tier affair that overhangs its neighbouring Zorro slot and a 15-pin socket connects to the monitor. At the moment all software runs from the CLI, but as it is really just *Display* and *Slideshow* there are few problems – the double buffered version will even animate.

The libraries allow programmers to direct output from their software to the board and a more user-friendly interface should be available with the production boards. Several standards are beginning to crystallise – hopefully one will become dominant soon. Then, any paint program should be able to control the board directly, offering the prospect of *True Colour Deluxe Paint*, *DigiPaint24*, or *ChromaColor* (the 24-bit version of *Photon Paint* now under development) playing on your home Amiga!

**The realism that can be obtained with Harlequin 'True Colour' output is really brought home by these images. These are shots of an actual monitor display, so the colour representation is pretty much spot-on. All the images were generated with Real 3D.**

**Problem Page**

Full screen, full colour images are almost 2Mb uncompressed, so several megabytes of RAM and a hard disk are almost essential. Here lies the major problem of 24-bit colour – the files are huge and slow. Nevertheless, fast compression and decompression algorithms are being developed and the new generation of compression chips are very efficient and getting cheaper. 20Mb floppies are only a few months away, so things should be a lot better soon.

The biggest problem right now is that rendering all my *Sculpt* models in 24-bit high resolution reveals how bad they all are. Rendering with a greater level of detail using Harlequin reveals every angular curve and misplaced vertex. All in all, upgrading to 24-bit colour is a bit like putting a more powerful engine in a car. Inevitably, you need to uprate everything else as well – including your driving skills! ■





# Deluxe Paint 3 Masterclass

The fourth of our Special Effects is an imaginative 'wipe' or 'fade' effect. **DEAN AGAR** describes the process.

**S**traightforward wipes being used to dissolve an image have become a little repetitive in recent years, but with a little thought exciting effects can be developed around these old ideas.

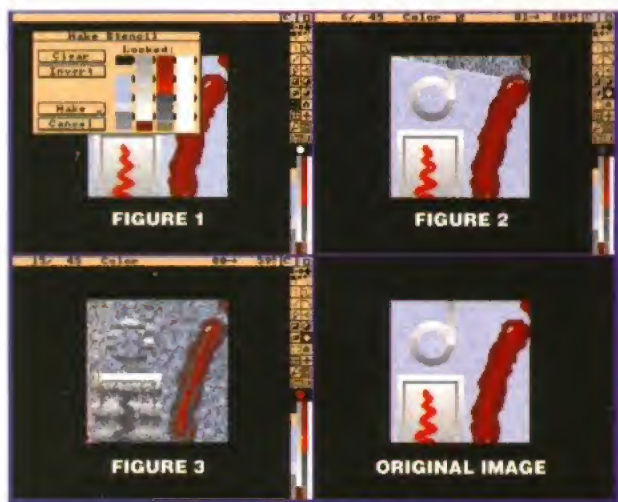
The 'multi-wipe' uses, as its name suggests, multiple wipes to dissolve an image. By using the stencil, multi-layered effects are created which add to the overall interest.

As usual, the example uses a cut-down version for the benefit of all users, but is expandable with more memory or even access to video equipment. Possibilities could include 'wiping in' another picture over your original picture using the simulated 'under' technique from Issue 16's *Deluxe Paint Masterclass*.

Building an image with multiple wipes of say red, green and blue could give an animation a slightly more interesting look than your average fade/cut/wipe.

Anyway, here's how to do it. Note that square brackets [thus] denote keys on the keyboard.

- 1** Load your chosen picture.
- 2** Select co-ordinates from the Prefs menu.
- 3** Pick up a section of the picture 150 pixels x 150 pixels.
- 4** Press [J] to swap to the spare screen. Stamp down the brush in the centre of the screen.
- 5** Add one frame.
- 6** Bring up the 'Stencil make' requester. Click every alternate colour and click on your background colour, which is usually black. Click 'Make'. (Figure 1)
- 7** Select the filled polygon tool and then select a dark colour from the palette.
- 8** Position your cursor at the top left-hand corner of the image. Click and release the left mouse



ABOVE: The three Figures are referred to at the appropriate point in the text, but serve to illustrate the basic principles behind the wipe transition. The Stencil facility of *Deluxe Paint* is used to remove certain colours in the image on each pass. The shape of the wipe is defined by using a filled triangle tool.

BELOW: Four frames from the animation show the wipe's four-stage transition.



button and move the cursor to the top right-hand corner of the image. Click and release again, move your cursor down 25 pixels, again click and release. Now fill the triangle you have created by clicking again at the top left-hand corner of the image (Figure 2). You should now see selected pixels of the image turn your chosen dark colour.

- 9** Add a frame, again place your cursor in the top left-hand corner of the image. Click and release the left mouse button, then click at the top right-hand corner of the image. Pull down the cursor 50 pixels. Click and release and then close the triangle by clicking in the left-hand corner of the image.
- 10** Add a frame. You should continue filling the areas in the same way, working across, until you reach the bottom left-hand corner of the image.
- 11** Once you have filled the whole shape, flick through your frames to check your progress. What you should have is a line that wipes across the image, leaving a strange pattern in its path.
- 12** Go to your last frame and add a frame.

**13** Select 'Stencil make'. Click invert and click on your background colour, then click 'Make'.

**14** Select a light colour. Place your cursor in the bottom left corner of the image, click and release the left mouse button. Place your cursor on the top left corner of the image, click and release.

**15** Move your cursor 25 pixels to the right, click and release. Now close the triangle you have created and you should see this area of the image become a sort of two-tone. (Figure 3).

**16** Add a frame. Following the procedure in numbers 9-11 fill the shape, but this time working from the top left to the bottom right-hand corner.

**17** Once you have filled the whole shape you should be left with a two-colour version of your picture: depending on your original image, it may or may not still resemble the original.

**18** Add a frame. Select 'Stencil make' and click 'Clear'. Click your chosen light colour and click 'Make'.

**19** Select your background colour from the palette, click your cursor in the bottom right corner of the image. Again follow the procedure in steps 9-11, but this time work from the bottom left corner of the image to the top right corner.

**20** You should now be left with what can only be described as a very strange-looking pale, shadowy image. The next (and final) stage of the process is to finally wipe this image away.

**21** Turn the stencil off using the [Tab] key or the Stencil menu - this will ensure that if any stray colours have been accidentally left in they will be wiped away.

**22** Add a frame. Click in the top right-hand corner of the remaining image. Again using the procedure in steps 9-11 you should wipe away the image, working from the bottom right-hand corner to the top left corner.

**23** Once the image has been completely cleared, add five blank frames to the end of the animation. Then go to Frame 1 and add five more frames - this gives the animation a 'cushion' at each end.

**24** Set the anim rate to 15 then press [4] to view the finished animation.



# But Seriously

# HiSoft

## HiSoft Devpac 2 Assembler/Debugger

**"Devpac has it all plus a lot more" - ST Format, Dec 88**

Consistently acclaimed as the best assembler development system for the Amiga, Devpac Version 2 is a complete package including:

- ✓ Powerful, extremely fast assembler with macros, conditional assembly, include, optimisations, local labels, multiple hunks, producing executable or linkable o/p
- ✓ Advanced, multi-window symbolic debugger with single-step, dynamic conditional breakpoints, full expression evaluator, disassembly to disk etc
- ✓ Integrated, fast and easy-to-use editor so that you can create, assemble, debug, edit, assemble etc. all without leaving the editor. CLI versions are also included for those who have strong editor preferences.
- ✓ Fast Linker, standard Include files and full, ring-bound documentation.

With full technical support and constant improvement, Devpac has no rivals - most of the top software houses who develop on the Amiga use Devpac - why don't you?

## SAS/Lattice C ver 5.10 New!

**"... a very professional package" - Transactor May 89**

Quite simply, SAS/Lattice C 5 is the best C system you can buy for your Amiga. Having sold more than 12,000 copies worldwide, the package is used by professionals & hackers alike. Upgrades from version 5.0x cost £34.95 - send your master disks back.

- ✓ Powerful, enhanced C compiler with full 68020/68030/68881/68882 support plus screen editor, faster linker, assembler, librarian, code profiler, disassembler & more
- ✓ Advanced global optimiser which gives your programs performance improvements of up to 40%. You can optimise for execution speed or program size
- ✓ The CodeProbe source level debugger with 4 separate windows, allowing you to single-step through source code, set source line breakpoints, examine, modify and continuously monitor your C variables and much, much more - invaluable.
- ✓ Workbench 2.0 support and environment, AREXX support, C++-style comments.

SAS/Lattice C 5 has improved ANSI compliance, function prototyping, is multi-tasking & re-entrant, has nearly 300 library functions and comes complete with full technical support.

## HiSoft BASIC Version 1.05 with Extend

**"HiSoft BASIC is an excellent choice" - ST/Amiga Format March 89**

HiSoft BASIC is the answer to your programming prayers, an extremely fast, interactive, standard and easy-to-use system, used by many top software houses all over the world

- ✓ Modern, structured programming with long IFs, multi-line functions, sub-programs, REPEAT, DO, CASE, full recursion, local & global variables etc
- ✓ No limits to your program size and no limits on the size of any variable, memory permitting, plus the ability to link easily with C and assembler programs
- ✓ Totally interactive system with easy-to-use Intuition editor allowing mistakes to be corrected simply and quickly, substantially reducing development time
- ✓ Extremely close compatibility with AmigaBASIC and Microsoft PC QuickBASIC 3

Complementing HiSoft BASIC, **HiSoft Extend** is a comprehensive set of library routines for IFF files, gadgets, menus, sub-menus, sound, HAM mode and more.

Normally costing £19.95, we are including this package, **for only £5 extra** until 1 January 1991, if you use the order form below.

## Special Offer to Amiga Format Readers

Use the order form below to order any HiSoft products and we will send you, totally free of charge, an Amiga Starter Pack consisting of: a mouse mat with the Amiga ASCII character set, a stylish disk wallet holding up to 8 disks and 4 quality double-sided diskettes; a package worth over £14 if bought elsewhere!

Please rush me the following software together with my free starter pack:  
(all prices include 15% VAT and postage and packing within UK. Please phone for export details)

- Devpac Amiga 2 **£59.95**
- SAS/Lattice C 5.10 **£229.00**
- HiSoft BASIC & Extend **£84.95**

Name:  Date:

I wish to pay by:

- Cheque/POs  Access
- Visa

Card No:

Expiry Date:  Signature:

**HiSoft**  
High Quality Software

The Old School, Greenfield  
Bedford MK45 5DE UK

Tel: (0525) 718181  
Fax: (0525) 713716



# GORDON HARWOOD

Bring you "Heroes in a Half Shell"™



## Amiga POWERPLAY

### Raphael's PACK 1

THAT'S RIGHT HARWOODS HAVE PUT TOGETHER THE ULTIMATE PACKS YET AGAIN STARTING WITH RAPHAEL'S AMIGA PACK 1 WITH 15 GREAT GAMES!

Just look at what you get...

- ★ AMIGA A500 COMPUTER (See standard features list at bottom of this page)
- ★ TEENAGE MUTANT HERO TURTLES ★ PLUS 10 MORE GREAT GAMES...
- ★ SHADOW OF THE BEAST II ★ Datasform ★ Drivin Force
- ★ DAYS OF THUNDER ★ Dungeon Quest ★ Pipemanio
- ★ BACK TO THE FUTURE II ★ E-Motion ★ Rock 'N' Roll
- ★ NIGHT BREED ★ Grand Monster Slam ★ Skweek
- ★ MICROSWITCHED JOYSTICK ★ RVF Honda ★ Tower of Babel
- ★ TAILORED DUST COVER ★ AND...DELUXE PAINT II
- ★ 10 BLANK 3.5" DISKS
- ★ DISK STORAGE CASE
- ★ MOUSE MAT

**RAPHAEL'S PACK  
PRICED AT AN  
INCREDIBLE...**

**£399\***

...You won't need anything else for ages!



JUST ADD £30 TO YOUR AVAILABLE MEMORY TO DOUBLE WITH OUR PRO-RAM PACK! (See page 4)



## Amiga MONITORS

### BRAND NEW PHILIPS CM 8833/II STEREO COLOUR MONITOR

Stereo High Resolution Colour Monitor

The ALL NEW Philips CM8833/II is the successor to the ever popular CM8833. This versatile multipurpose 14-inch monitor offers excellent colour graphics performance with a wide range of home and personal computers.

The CM8833/II can also be used as a TV Monitor when connected to either a VCR or TV tuner (available separately). Please ask for further details.

- RGB/AI, TTL, Comp. Video & stereo audio inputs
- Can also be used as a TV with tuner or VCR
- Features retractable foot □ Twin Speakers
- FREE lead for YOUR computer □ Earphone Jack Socket
- FREE 12 Month on site service warranty.

GREAT NEW PHILIPS MONITOR AT THE OLD PRICE OF ONLY...

**£249**

### COMMODORE 1084S STEREO COLOUR MONITOR

Commodore's Own Stereo High Resolution Colour Monitor

- RGB/AI/TTL, Comp. Video/Audio Inputs
- Can be used as TV with a tuner or VCR
- Twin Speakers for stereo output
- Supplied with cables for A500, CGA PC, C16-64-128

**£259**

NEW PHILIPS CM8833/II





Amiga

# POWERPLAY

## Leonardo's PACK 2

PACK 2 COMES TO YOU FROM LEONARDO AND INCLUDES THE FOLLOWING...

### RAPHAEL'S BRILLIANT AMIGA PACK 1

The fantastic Amiga and ALL THE EXTRA'S detailed in Raphael's Powerplay Pack 1 above, AND then you also get...



### THE ALL NEW PHILIPS CM8833/II STEREO COLOUR MONITOR

Twin Stereo Speakers, Green Screen Switch, Lead to Amiga, Free Tailored Dust Cover and 12 Months on-site warranty (See monitor panel for details)



A SPECIAL PACK FROM LEONARDO TO LET YOU SEE THOSE GAMES WITH SUPERB CLARITY AND IN FANTASTIC STEREO FOR ONLY...

£629<sup>00</sup>



Amiga

# POWERPLAY

## Donatello's PACK 3

PACK 3 COMES TO YOU FROM DONATELLO AND INCLUDES THE FOLLOWING...

### RAPHAEL'S BRILLIANT AMIGA PACK 1

The fantastic Amiga and ALL THE EXTRA'S detailed in Raphael's Powerplay Pack 1 above, and then you also get...

### THE ALL NEW PHILIPS CM 8833/II STEREO COLOUR MONITOR

With FREE Dust Cover and Cable to your Amiga and including a 12 Months on-site warranty (See monitor panel for details)

### THE BRAND NEW STAR LC200 COLOUR PRINTER...

150/40 cps, Full Colour 9 Pin N10 Dot Matrix Printer with FREE Dust Cover and cable to your Amiga (See printers on page 3 for further details)

(Or choose an alternative from our range & adjust by the difference in price)

A SPECIAL MONITOR AND PRINTER PACKAGE FROM DONATELLO TO SET YOU UP COMPLETELY AND ALL AT A PRICE THAT'S GOT REAL TURTLE POWER...

£829<sup>00</sup>



Amiga 1Mb.

# POWERPLAY

## Michaelangelo's PACK 4

PACK 4 COMES FROM MICHAELANGELO AND INCLUDES THE FOLLOWING...

A MORE SERIOUS PACKAGE ASSEMBLED BY MICHAELANGELO AND INCLUDING ALL THE FOLLOWING...

- ★ AMIGA A500
- ★ COMPUTER WITH 1MB.
- ★ TEENAGE MUTANT HERO TURTLES PUBLISHERS CHOICE (DTP inc. Kindwords)
- ★ MIDI-MASTER INTERFACE
- ★ MR T'S MIDI RECORDING STUDIO
- ★ BBC BASIC EMULATOR
- ★ SUPERBASE PERSONAL DATABASE
- ★ AMIGA LOGO
- ★ FULLY MICROSWITCHED JOYSTICK
- ★ TEN BLANK 3.5" DISKS & DISK WALLET
- ★ DELUXE PAINT II, PLUS...TEN GREAT GAMES

Dungeons, Dungeon Quest, E-Motion, Grand Monster Slam, R/F Honda, Drivin Force, Pipemania, Rock 'N' Roll, Skweek, Towers of Babel,

**ADDS YOUR PACK 5-As above with CM8833 DOWN PACK... PACK 6-As Pack 5 + LC200 Col. Printer £799<sup>00</sup> £999<sup>00</sup>**  
*(Or choose an alternative from our range & adjust by the difference in price)*

MICHAELANGELO'S SPECIAL PACK AT A SPECIAL PRICE OF JUST...

£579<sup>00</sup>

The above pack is also available with First Steps Software as an alternative for Primary School age children

PHONE NOW FOR FULL DETAILS!

Amiga 1Mb.

# POWERPRO

## Harwoods PACK 7

PACK 7 COMES TO YOU FROM HARWOODS AND INCLUDES THE FOLLOWING...

A PROFESSIONAL PACKAGE PUT TOGETHER FOR THE BUSINESS MINDED AMIGA USER

AMIGA A500 WITH 1Mb. MEMORY INC. CLOCK (See Standard Features List)



+ NEW PHILIPS CM 8833/II STEREO COLOUR MONITOR



+ NEW STAR LC200 9 PIN N10 FULL COLOUR PRINTER (Or choose an alternative from our range, and adjust by the difference in price)



+ A HOST OF BUSINESS SOFTWARE & ACCESSORIES... PEN PAL V1.3 (Word Processor)...1 Mb. SUPERBASE II PERSONAL (Database) SUPERPLAN (Spreadsheets)... 1 Mb.

- ★ TUTORIAL DISK
- ★ DELUXE PAINT II
- ★ DAYS OF THUNDER
- ★ BACK TO THE FUTURE II
- ★ SHADOW OF THE BEAST II
- ★ NIGHT BREED
- ★ MICROSWITCHED JOYSTICK
- ★ 10 BLANK 3.5" DISKS
- ★ DISK LIBRARY CASE
- ★ MOUSE MAT
- ★ 3 TAILORED AMIGA DUST COVERS

WE MEAN BUSINESS AT ONLY... £899<sup>00</sup>

## ALL OUR AMIGA'S ARE UK SPECIFICATION AND INCORPORATE THE FOLLOWING...

- ★ 512K RAM
  - ★ 1Mb Disk Drive
  - ★ TV Modulator
  - ★ 4096 Colours
  - ★ Multi-Tasking
  - ★ Speech Synthesis
  - ★ Amiga Basic
  - ★ Programming Language processor built-in
  - ★ 4 Channel Digital Stereo Sound as standard
- ...AND ALL PRICES INCLUDE VAT AND STANDARD POSTAL DELIVERY SERVICE

## \*\*\*IMPORTANT NOTICE\*\*\* 'TEENAGE MUTANT HERO TURTLES' \*\*\*IMPORTANT NOTICE\*\*\*

Mirrorsoft's official UK Software Licence, 'Teenage Mutant Hero Turtles' is scheduled for release during Nov. '90. Orders despatched before this release will have the software forwarded the moment it is available.

'Teenage Mutant Hero Turtles' software title - UK Copyright of Mirrorsoft.

## FINANCE FACILITIES

Finance with or without a deposit, can be tailored to suit your needs. Gordon Harwood Computers offer facilities to purchase using our budget account scheme APR. 36.8% (Variable). Available to most adults of eighteen years or over, subject to status. Simply phone or write and we will send you written details along with an application form. Applications, required in advance, available to full time UK, mainland residents and overseas British armed forces personnel. Written quotations available on request. (Please refer to Page 3)



Please see page 4 for our easy ordering procedures. Just compare the service we offer!

GORDON HARWOOD HARWOOD HARWOOD Computers

GORDON HARWOOD COMPUTERS DEPARTMENT AMF / C4, NEW STREET ALFRETON, DERBYSHIRE, DE5 7BP TEL: 0773 836781 FAX: 0773 831040



## STORAGE

**COMMODORE A590 20Mb HARD DISK DRIVE WITH 0.5 Mb. MEMORY FITTED FREE!**  
Commodore's own hard drive for the A500

- Autoboot with Kickstart 1.3
- Sockets for up to 2Mb RAM expansion
- DMA access - External SCSI port
- Complete with 0.5 Mb. Memory FREE!

*New Lower Price...*

**£299**

**COMMODORE A590 20Mb HARD DISK DRIVE BUT UPGRADED TO A FULL 1Mb.**  
As above but with a total of 1Mb memory!

**£319**

**COMMODORE A590 20Mb HARD DISK DRIVE BUT UPGRADED TO A TOTAL OF 2Mb.**  
As above but with a 2Mb memory!

**£349**

**EXTERNAL FLOPPY DISK DRIVES with the following features...**

- Disable switch
- Throughport
- Access light
- For A500/1000/2000/3000

**CUMANA CAX 354 3.5" SECOND DRIVE** £74.95

**HARWOODS SUPERSLIM 3.5" SECOND DRIVE** £59.95

With EXTRA Long Cable

## PRINTERS

**FREE... fully loaded Best Colour with all dot matrix printers**

All printers in our range include the following features...

When you are comparing our prices to others, make sure that the same essential items are included in Printer Lead, Dust Cover, Postage and VAT etc.

**NEW STAR LC 200 RANGE OF PRINTERS AVAILABLE NOW!**  
All the new printers in the LC200 range have the following features...

- 80 Column Dot Matrix
- Push and Pull Tractor Feeds
- Rear and Bottom Feeds
- Programmable from Frontpanel, no dip switches
- Micro paper lead
- Reverse paper lead
- Paper park with Auto Single Sheet Paper Loading
- 12 Month Warranty

**STAR LC200 GREAT NEW COLOUR PRINTER - 185/40 cps** £209.95

This is the one in our packs!

- 240 dpi - 9 Pin COLOUR
- Massive 16K Buffer
- 8 Resident Fonts
- Front Panel Pitch Selection

**STAR LC24-200 NEW 24 PIN MONO PRINTER - 220/55 cps** £259.95

New Star 24 pin that means business!

- 360 dpi - 24 PIN MONO
- 7K Buffer expandable to 39K
- 10 Resident Fonts
- Front Panel Pitch Selection

## AMIGA GRAPHICS AND SOUND

**NEW DISNEY ANIMATION STUDIO SOFTWARE LATEST PAL VERSION**  
Full featured state of the art animation program. Gives you the ability to create full length Disney style animated sequences (1 Mb recommended).

**MASTERSOUND**  
High quality 'Mono' Sampler. Mono samples are better than stereo when sampling instruments for your own music with soundtracker etc.

**AMAS**  
Combined stereo sampler and midi interface. Samples in Mono or Stereo.

**MIDI INTERFACE (5 PORT)**  
In, Out, Through + 2 Switchable Through/Out inc Cable

**MUSIC 'X' - Latest Full Edition Vers 1.1 SEQUENCING S/W**  
*Free Mail Off*

**NOW WITH FREE 5 PORT MIDI INTERFACE (As above)** £79.95

**AUDIOMASTER II**  
High quality sampling software, The Professionals Choice

**DIGIVIEW GOLD V.4 (Inc Cable & Digitpoint I)**  
Digitises static images in black & white or FULL COLOUR (Using filters provided). All resolutions supported (memory permitting). Creates IFF & HAM files. Uses B&W (or colour with B&W Mode) video cameras

**VIDI with Vidichrome 8/W Grabber colour digitiser**  
Grabs black & white frames (in grey scales). 5-6 frames per second. Will store as many frames as you have RAM (16-20 on 1Mb, 60 with 3 Mb) Inc. FREE Vidichrome colour digitising s/ware (worth £19.95) & cables

**COLORPIC...The best colour grabber by far!**  
Instant colour frame grabbing from moving video. Captures superb digitised video images in a range of resolutions from standard composite video source eg domestic TV video rec. or camera in a 50th of a second.

**RENDALE 8802 Including Cables & Deluxe Video Animation Software**  
Home/Semi Pro standard, allows computer display to be mixed with any incoming composite video signal.

**PODSCAT 12" x 12" Graphics Tablet complete**  
Supplied with driver software, it replaces your mouse and thus works with ALL applications software. Also available for IBM PC & Compatibles

## ACCESSORIES

**3.5" DISK HEAD CLEANER** £2.99  
Essential maintenance for your disk drive. Keep clean and trouble free.

**DISK STORAGE BOXES**

- 40 Piece Only £5.95
- 80 Piece Only £7.95
- 100 Piece Only £8.95
- Boxs 100 Piece drawer type stackable Only £11.95
- Boxs 150 Piece drawer type stackable Only £17.95

## ORDERING MADE EASY

Before you choose from whom to purchase, please give us a call. We are always more than happy to discuss your requirements, and answer any queries you may have...

**ORDER BY PHONE:** Phone our Order Hotline with your Access, Visa, Mastercard or Lombard Credit Charge Card quoting number & expiry date.

**ORDER BY POST:** Make cheques, bankers building society drafts or postal orders payable to GORDON HARWOOD COMPUTERS. (Personal or business cheques take 7 days to clear from day of receipt whereupon your order will be despatched) Please send Name, Address, and most importantly if possible, a Daytime Telephone Number along with your order requirements. Please check you are ordering from one of our latest advertisements before posting (phone if you require confirmation). Please remember that for example many September publications appear during August, therefore prices you see may have changed (either up or down).

**FREE POSTAL DELIVERY:** Goods in UK Mainland (5-7 day delivery).

**OR COURIER SERVICE** ...Add £5 per major item for next working day delivery, UK Mainland most regions.

**EXPORT ORDERS:** Goods normally despatched on day of ordering or payment clearance) Most items are available at TAX FREE PRICES to non UK residents when visiting us or for export shipment. Please contact us for ordering information.

**REMEMBER AFTER YOU'VE BOUGHT FROM HARWOODS, WE'LL STILL BE HERE...**

**TECHNICAL SUPPORT:** You will be given our Exclusive Technical Support Phone Number to call should you require any help or advice on any aspect of the system you have purchased.

**12 MONTH WARRANTY:** Items proving faulty within 30 days of purchase are replaced with NEW UNITS unless otherwise stated. For the whole guarantee period, warranty service will be completely FREE OF CHARGE and a FAST turnaround is GUARANTEED by our OWN ENGINEERS!

**COLLECTION FACILITY:** Any computer, monitor or printer requiring warranty service can be collected from your home FREE OF CHARGE during the guarantee period (UK Mainland only)

**FULL TESTING PROCEDURE:** All computers are tested prior to despatch, and all items are supplied with mains plug and leads as required - just connect up and use straight away.

**REMEMBER WE'RE NOT JUST ANOTHER MAIL ORDER COMPANY...**

All listed prices are what YOU PAY, and there are NO HIDDEN EXTRAS. VAT and postage are included, and prices are correct at time of going to press (Pack details may vary from time to time). Offers are subject to availability and to being the latest advertised packs and prices. Our offers are NOT supplied on a trial basis. £8.0E

**\* FINANCE FACILITIES**  
Finance with or without a deposit, can be tailored to suit your needs.

Gordon Harwood Computers offer facilities to purchase using our budget account scheme. APR 36.8% (Variable). Available to most adults of eighteen years or over, subject to status. Simply phone or write and we will send you written details along with an application form. Applications, required in advance, available in full time U.K. mainland residents and overseas British forces personnel. Showroom visitors, please ask for details of our in-store "Instant Account". Written quotations on request.

If you are already the holder of a Lombard Credit Charge Card you can use this to purchase from us (subject to your personal card limit)

## VISIT OUR NEW SHOWROOM

Please pay us a visit where our full range of advertised products, AND MORE, is on sale. 'ALL UNDER ONE ROOF', in pleasant surroundings at our new purpose fitted showroom. There's plenty of parking close by.

**OPENING TIMES: 9.00 til 5.00 Monday to Saturday**  
9.00 til 1.00 Wednesday



Colour version of the area (C4, 200 Micro) £199.95

- 360 dpi - 24 Pin COLOUR
- 30K Buffer expandable to 62K
- 10 Resident Fonts
- Front Panel Pitch Selection

**STAR LC10 - Up to 120/25 cps** £159.95

Our most popular Mono Dot-Matrix printer and at a super low price

- Multiple font options easily accessible
- Simultaneous, continuous and single sheet stationery
- Excellent paper handling facilities
- 240 x 240 dpi Graphics

**STAR LC 24-10 - Up to 180/60 cps** £239.95

24 Pin version of the Star LC Series with

- Exceptional letter print quality
- 360 x 360 dpi Graphics
- Additional font cartridges available
- 8 resident fonts

**STAR XB PRINTER RANGE Up to 240/80 cps - £619.95**

**24-10 COLOUR OR 24-15 COLOUR** £479.95

Two very fast 10/24 Pin Colour Printers

- 15" Wide Carriage versions 41 exp. to 201K buffer)
- Exceptional print quality
- 4 x 48Pin super letter quality fonts
- 360 x 360 dpi Colour Graphics
- 24 x 24Pin near letter quality fonts
- 12 months on-site warranty (UK Mainland)

**STARSCRIPT - 8ppm POSTSCRIPT LASER** £1995.00

Up to the minute technology Laser Printer

- 300 DPI, 2Mb. Upgradeable to 5Mb.
- Serial/Parallel printer interface built-in
- Emulations inc: HP Series II, Epson
- Inc. 12 month on site warranty (UK Mainland)
- EX800, IBM Proprietary & Diablo 630
- Every desktop publishers dream

**HEWLETT PACKARD PRINTJET A4** £899.00

Best quality full colour printer at a realistic price

- Parallel, Centronics or Serial RS232 I/F (please specify with order)
- For presentation graphics, CAD and technical/scientific applications
- Full page colour of graphics on paper in 4 minutes (typical)
- Non impact printing
- Will print transparencies
- virtually silent, 43dba
- 12 Months on-site warranty (UK Mainland)

**CITIZEN SWIFT 24 PIN COLOUR - Up to 160/50 cps** £319.95

24 Pin Colour Printer

- Push and pull tractor built-in with bottom feed for labels & multi-part stationery
- 360 x 360 dpi Colour Graphics
- 2 Year Citizen warranty

**CITIZEN SWIFT 9PIN COLOUR - Up to 160/40cps** £229.95

New super high spec 9Pin colour printer

- 8K Buffer 4 Fonts
- 240 x 240 dpi Colour Graphics
- Push and pull tractor built-in
- Best text quality in our 9Pin range
- Feed for labels/multi part stationery
- 2 Year Citizen warranty

**CITIZEN 1200+ - Up to 120/25 cps** £149.95

Very reliable low cost printer (please specify interface on order)

- Interchangeable interfaces for Centronics RS 232 or Serial type for IBM 64 etc
- Full 2 Year manufacturers warranty

We are proud to announce that Star have appointed Gordon Harwood Computers as both a Star Corporate Preferred Reseller and Star Gold Dealer in recognition of our commitment to their products and the levels of service and support we provide...

MAKE HARWOODS YOUR FIRST CHOICE FOR STAR PRINTERS

Quantity	PRINTER RIBBONS	SINGLE	6 PACK
	STAR LC10, LC10 Colour & LC10 Multi Black	£4.95	£24.95
	STAR LC10 Colour & LC10 Multi Black	£6.90	£34.95
	STAR LC24-10, X024-10 & X24-15 Black	£6.90	£34.95
	STAR X894-10 & STAR LC24-10 Colour	£14.95	£74.95
	EP15 Black	£7.49	£39.95
	CITIZEN 1200/7100/720/730/740 & CEM MP-5 1200/1250 BLACK	£4.95	£26.95
	CITIZEN SWIFT 9 BLACK & COMMA 2000 MP-5 1250 & COMMA 2000 MP-5 1250	£4.95	£26.95
	OLIVELEAF 100 BLACK & COMPACTOR MP-5 1200/1250 & OLIVELEAF 100 COLOUR	£6.95	£39.95
		£12.95	£69.95

**BLANK DISKS WITH LABELS**

- 10 Generation Commodore 3.5" formatted
- 10 Unformatted 3.5" certified
- 10 Unformatted with library case 3.5" certified
- 80 Unformatted 3.5" certified
- 80 Unformatted with lockable storage case 3.5" certified
- 100 Unformatted 3.5" certified

**MICROSWITCHED JOYSTICKS**

Competition Pro Neon Green

Zapack (outfit)... The Best!

**NASKHA MICROSWITCHED MOUSE-Amiga/ST Amstrad PC** Only £14.95

**GOLDEN IMAGE OPTICAL MOUSE-Amiga** Only £15.95

**MODE SWITCHBOX-for rental 8802** Only £29.45

**Only £34.95**

**BOOKS For beginners and Experts alike!**

**AMIGA FOR BEGINNERS - VOL. 1 ABACUS BOOKS.** From unpacking your Amiga to creating your own icons, includes first use of basic and extras disk

**AMIGA BASIC INSIDE AND OUT - VOL. 2 ABACUS BOOKS.** The definitive step by step guide to programming your Amiga in basic.

**AMIGA MACHINE LANGUAGE - VOL. 4 ABACUS BOOKS.** Practical guide to learning 68000 assembler language on the Amiga

**AMIGA DOS INSIDE AND OUT - VOL. 8 ABACUS BOOKS.** The complete guide to Amiga DOS and the CLI.

**AMIGA PROGRAMMERS HANDBOOK II - SYBEX.** In depth reference to device I/O programming for the Amiga series of computers.

**AMIGA HARDWARE REFERENCE MANUAL - ADDISON WESLEY.** written by the technical experts at Commodore Amiga Inc, USA...the people who designed your Amiga. Hardware level machine code prog. at advanced level.

**EDUCATIONAL SOFTWARE For most age groups!**

**PLAY AND READ - Ages 4 to 9.** The complete reading tutor. Part 2 teaches spelling to the beginner reading.

**UNCLE D'S SOUND-TRATION - Ages 4 and up.** Three graphical colour-iron games, 4 skill levels each.

**DINOSAUR DISCOVERY KIT - Ages 3 to 8.** Zap the talking Megarior helps children build early reading skills.

**THE THREE BEARS - Ages 3 to 10.** Develops imaginative thought/reading skills.

**SPELL BOOK - Ages 4 to 6.** Developed with the help of a Primary School Head Teacher to aid spelling skills.

**PRIMARY MATHS COURSE - Ages 3 to 12.** Complete 24 Programme Course.

**MATH BLASTER PLUS - Ages 6 to 12.** Maths fundamentals, teacher designed.

**BETTER MATHS - Ages 12 to 16.** Higher level to Linear/Quadratic Equations.

Shown above is ONLY a selection of books and software...phone for details of lots more!

**ALFRETON Town Centre**

OUR NEW SHOWROOM IS JUST 5 MINUTES FROM THE M1, JUNCTION 7B

**GORDON HARWOOD Computers**  
85, 87, 89 Church St.

Come and see for yourself amazing Amigas and a whole host of peripherals, along with our vast range of software & accessories. Our helpful team are always on hand. We look forward to welcoming you.

# GORDON HARWOOD HARWOOD Computers

ORDER HOTLINE 0773 836781

**GORDON HARWOOD COMPUTERS**  
DEPARTMENT /C4, NEW STREET  
ALFRETON, DERBYSHIRE, DE5 7BP  
TEL:0773 836781 FAX:0773 831040

## PRO-RAM PACK

**DEALIN' DIEGO'S DYNAMITE DEAL!**

**512K MEMORY EXPANSION**

16 Chip set 4 (extremely important), same configuration as Commodore 4501 for guaranteed full compatibility with latest version 8372A Amiga 1Mb Blitter. Compatible with all 4500's as a real alternative to Commodore's own 4501 RAM Expansion but at a very much lower price.

British Made with Enable/Disable Switch and Auto-recharge battery backed real time clock.

**£32.95**

A special deal to celebrate our NEW SHOWROOM

As always, our price includes VAT, Postage and Packing (UK Mainland)! All this for the incredible introductory Dealin' Diego Price of only...



# Distinctly Digita

Cleverly written and always favourably reviewed in the press, Digita produces a range of powerful, low cost software for the home and business user.

## DGCALC

The fastest and most powerful spreadsheet available in this price bracket, with 512 rows by 52 columns, giving you up to 26624 cells. As with all Digita products, the operation of the program is clearly thought out. Being either menu, mouse or command driven you'll be able to start using it within minutes - even if you've never used a spreadsheet before. Some of the features which make it such good value are the exporting of ASCII files for integration with other programs, adjustable column width and text overflow, programmable function keys (macros), and a unique windowing facility, so that you can look at different parts of a sheet at the same time.

£39.95

## MAILSHOT

If you ever need to send out mailings or print labels, you know how fiddly and time-consuming it can be making sure all the labels are printed correctly. Well now all that's a thing of the past. Because Mailshot actually shows you the labels on screen, you can type names and addresses in exactly the correct place. But more than that, the labels are animated on screen as a continuous sheet, allowing you to scroll backwards and forwards, to search for particular keywords or to edit entries with the minimum of fuss. Facilities include searching, detection of duplicate labels, sorting (even surname!) 9 labels across, 999 copies of any label. This has to be the simplest and most effective method of creating a mailshot available.

£24.95

## FINAL ACCOUNTS

The program will take information prepared by Cashbook Controller and produce a complete set of accounts including: \* Trial Balance \* Trading and Profit and Loss Account \* Balance Sheet \* Notes to the Accounts \* Full Accounting ratios. All reports may be produced at any time, with comparative/budget figures if required. The facility to produce these documents quickly, accurately, and regularly is of enormous help in running any business, large or small, since one shows the true profitability achieved, and the other the exact strength of the business in terms of assets and liabilities.

£29.95

## E-TYPE

Do you ever have to print names and addresses at awkward places on envelopes, or do you ever need to fill in tricky forms or invoices where the text has to be in exactly the right place? Usually you have to do it by hand, or get your trusty old typewriter out of the cupboard and dust it off. Well not anymore. The Emulated TYPEwriter transforms your computer and printer into a fully fledged typewriter, supporting bold, underline, italic and other typestyles. Because it can display and print text INSTANTLY you can line up your form, press Return and Space a few times to move to the correct place, and then start typing. Alternatively you can switch to line-by-line mode, which offers word-wrap, justification and proportional spacing, so that you can edit each line before it's printed.

£39.95

## MAILSHOT PLUS

Advanced version of Mailshot for the business user with the following extra facilities:

- \* integration with other software (using ASCII files)
- \* column/tabulated summary (ideal for telephone lists, etc.)
- \* 4 extra memo lines per label (with defaults)
- \* system for coding, dating and adding messages to each label
- \* different layouts available for horizontal and vertical justification.

£49.95

## CLASSIC INVADERS

Escape from executive stress with the classic space invader game.

£14.95

## PERSONAL TAX PLANNER

Are you absolutely sure your taxman is doing his job correctly? Plan your own tax with ease, this menu-driven program will calculate your income tax liability (4 tax years included) and provide pertinent facts about your tax position. You can perform 'what-if?' calculation to discover ways to minimise your tax liability. In fact, the program will advise you on things such as, if you are a married man, whether it would be advantageous to have your wife's income taxed separately or not. At this price who knows, you will probably find that PTP will pay for itself in tax savings the first time you use it!

\*\*\* STOP PRESS \*\*\*

July '88 - PTP user receives tax refund of over £2,000!

£39.95

## DAY-BY-DAY

An excellent way to get organised. With it you'll be reminded of birthdays and other anniversaries, meetings and appointments, phone calls to make and so on. As with all Digita products, inputting information is simplicity itself and, once entered, you can search for keywords or for particular events such as birthdays to see when one is coming up. Includes month/week/day planner, automatic reminders for overdue appointments, month and week summary at a glance. For less than £30 this is the ideal way to make sure you never miss that important occasion again!

£29.95

## SYSTEM 3

Take the first essential step in computerising your business with this simple integrated suite of programs:

1. CASHBOOK CONTROLLER. Keep track of the most important aspect of business - cash flow. Essentially a debtors/creditors ledger, its flexibility lies in its ability to produce account balances instantly for debtors (from Invoicing), creditors, VAT, Bank, Petty Cash, together with a record of all transactions, dates and descriptions. A management aid designed to run alongside your existing accounting system.
2. INVOICE & STATEMENTS. This program will greatly reduce time and cost of preparing invoices and statements. Professionally printed invoices and a full record of debtors.
3. STOCK CONTROL. Effectively control your stock, purchasing and suppliers and produce re-order reports, stock valuation, price lists, etc.

£49.95

## CASHBOOK

Use your computer as a powerful business tool and take the drudgery out of book keeping! In its simplest form the program will replace your Cash and Petty Cash books. But information included, does much more. Typical information includes: \* Summary of VAT information to enable completion of VAT Return \* Monthly summaries and departmental analyses of sales and purchases \* Total debtors and creditors, sales, and overheads \* Total expenditure analysis \* Journal routine for entering transfers between accounts \* 199 nominal account titles, most of which are user definable \* Observes accounting procedures and meets legal requirements, assuring correct approach to book keeping \* Full audit trail and integrates with Final Accounts.

£49.95

## HOME ACCOUNTS

Ideal for both home users and small business. Simple to use this package will keep track of all your finances and cater for all types of income (e.g. Bank, credit cards) and 60 types of expenditure (e.g. rates, mortgage, gas, food), with optional budgeting and forecasting. The program will handle Standing Orders and Direct Debits, and automatically warn if for example, Bank charges are likely, or if you have exceeded your credit limit! With the comprehensive reporting and graphics facilities you can even produce your own monthly Bank/Credit card statements! Once you've used Home Accounts, you'll wonder how you ever managed without it.

£29.95

Available to the trade from:

Digita, GEM, Greyhound,  
HB Marketing, Lazer,  
Leisuresoft, R & R, SDL.



# DIGITA INTERNATIONAL

"Serious software at a sensible price"

• HOW TO ORDER •  
CREDIT CARD HOTLINE



0395 270273

VISA

Post: Digita International Ltd  
Black Horse House  
Exmouth Devon  
EX8 1JL England  
Fax: 0395 268893



What wonders does the New Year hold? What surprises lie in store in 1991? **Trenton Webb** takes a peek into the coming years software and sees some really big ones (fnnr, fnnr) waiting in the wings.

# COMING ATTRACTIONS



**CHOOSE YOUR PLAYER**

## VIZ

■ **VIRGIN**  
ETA = COMING SOON (Fnnr, fnnr).

A certain comic called *Viz*, which by all accounts sells to these young-type people because it tells rude jokes and uses naughty words, is in the process of Amiga conversion. Three disreputable characters will star: Biffa Bacon, Buster Gonad and Johnny Fartpants - of whom only Mr Bacon sounds the sort of chap you'd like the vicar to meet.

These gents are to race over a five-location course and the one you select must use

his special abilities to overcome the difficulties that lie before him. Mr Bacon hits things, apparently because they implied that his pint had dubious sexual habits. Mr Gonad bounces along thanks to some infesibly large appendages and Mr Fartpants mysteriously has some kind of jet propulsion - though lord knows how!

Intermediate screens will feature a foul-mouthed individual called Roger Melly, who apparently appears on the telly, but it is hard to imagine how as his favourite word is, uh, um... totally unprintable. The only respectable personage in the whole affair is Roger Irrelevant and he just talks absolute driv. Dominoes.



## SUPER MONACO GRAND PRIX

■ **US GOLD** ETA = SPRING 1991

You've seen the coin-op, spent wads of cash and still want more? Relax, for *Super Monaco GP* is nearly in the home straight, currently just under Coding Bridge, before Playtesting Corner.

The arcade game was an incredible graphic display where everything that made the *Monaco GP* the best in the world was hurled at you. Now the conversion is being fine-tuned for



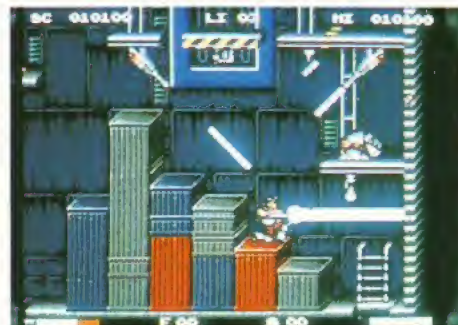
a screen-based racetrack near you. It's quite simply a race game, in which you have to finish higher and higher in the standings until you are forced to win the race outright. That's no easy task when the cream of the world's drivers are all around, all eager to beat you across the line.

Luckily, drivers will have the advantage of an overhead mirror that will show if any threat is approaching from behind. AF has seen a demo that was at least two months short of completion and already it was exceedingly fast. Shown here is a selection of the graphics which are currently being slotted into the game.



## SWITCHBLADE II

■ **GREMLIN**  
ETA JANUARY/FEBRUARY



The Thraxx pack are back. The Hiros of Gremlin's platform slash-em-up *Switchblade* (AF 6 85%) are set to make a comeback. For this second adventure they get much better graphic support and huge amounts of gameplay for their eight-level rampage. The Amiga version should





sport 32 colours at 50 frames per second on a full screen (320 x 256).

The eight individual levels should exhibit much more variety. They are only limited to the undercity, which was the setting for the original *Switchblade*, for Level One. Players then get a chance to sample the great outdoors, climbing cliffs, attacking a flying fortress, battling ice planes, destroying an underground base, descending waterfalls and cleaning up the docks before they face a final showdown on Havoc Island. Each level looks decidedly different, with its own inherent dangers and traps. As each level is in excess of 100 screens huge, it sounds like a real biggie.



To help the *Switchblade* Hiro out he gets a larger armoury than before, with machine-guns, homing missiles and flame-throwers. The aliens get limited game intelligence and big end-of-level bosses to lend a hand. If it lives up to the demos and game spec' it stands a good chance of out-Turricaning *Turrican*, the reigning king of platform chaos.

### INSECTS IN SPACE

■ HEWSON ETA = January



Dropping babies from a great height in order to kill them isn't very pleasant. Yet that is exactly what some horribly mutated insects in space want to do. These giant killer bees like nothing more than to swoop in and grab kiddies. Only you, as St Helen Bak, the lady with laser eyes, can stop them!

The game is based on the hit formula from Sensible Software, which went down a storm on the 8-bits. Now it's been charged up for Amiga with eight-way scrolling at 50 frames per second and will be backed by a soundtrack from the *Maniacs of Noise*.

### MIGHTY BOMBJACK

■ ELITE ETA February



Having achieved massive acclaim on the Nintendo game system, the third in the *Bombjack* series, *Mighty Bombjack*, is getting set to explode onto the Amiga. *Bombjack* and *Bombjack II* (original titles

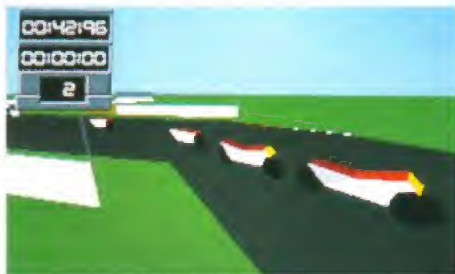


or what?) both achieved No One chart positions, so Elite have high hopes for this sequel's sequel. The game will be based over 17 different levels or a total of over 250 different adventure screens.

### TEAM SUZUKI

■ GREMLIN ETA = January

Gremlin's *Team Suzuki* are eager for the green light. A vector racing game, it has the distinction of being based on bikes not cars. This means it may look a little weird, but it guarantees that those bikes really shift. We are talking *Indy* 500 sort of speeds, only on two wheels and on much tighter courses. The game features not only realistic courses but real riders too, complete with their own strengths and weaknesses. It's in the tweaking stage now and should be ready to burn rubber really soon.



### 3D CONSTRUCTION KIT

■ DOMARK/INCENTIVE  
ETA February/March



Do you fancy an art package that is as flexible and friendly as *DPaint*, but allows you to create a 3D world which you can explore in the *Freescape* tradition? *3D Construction Kit* is not really a game, but belongs here because it has grown out of the game design system that bought us, *Driller*, *Dark Side*, *Total Eclipse* and *Castle Master*.

The package will really be a crossover between *AMOS*, *Shoot-em-up Construction Kit* and *DPaint III*. It will have a number of



malleable 3D blocks in the same way as art packages have circles and boxes. It will come complete with a set of pre-formed rooms which you can develop and a simple programming language which will allow event triggers and score systems to be developed. You'll also be able to design a front-end screen in any art package that saves IFF files, and place icons for control of the game on it.

When you have built the world, designed the front screen and worked out the scoring system, it will then be possible to save it out as a stand-alone game. It won't even need the *Construction Kit* master disk to operate.



# Want to know where the real computer enthusiasts get together?



## Write here

Please send me my **FREE** copy of the Micronet brochure and show me how to really get 'in touch'.

Name \_\_\_\_\_

Age \_\_\_\_\_

Address \_\_\_\_\_

Tel No \_\_\_\_\_

Machine type \_\_\_\_\_ C AF3



› Send the coupon now to: MICRONET, P.O. Box 1351, London, NW2 7HZ.  
OR phone **FREE** on 0800 200 700 for your **FREE** Micronet brochure.

› Micronet is **the** place where **thousands** of computer enthusiasts **get together**. You can **talk** to other members with your computer, hold conferences and send **electronic mail**, telex and fax.\*

› Up-to-the-minute hardware and software news, reviews and features keep you right **up to date**.

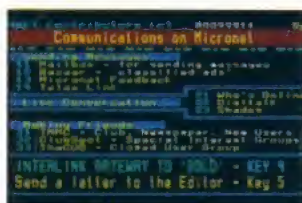
› You can download the programs of your choice from our constantly expanding selection of **FREE** software programs.

› If you enjoy a **challenge**, Micronet is **the** place to be for today's **best multi-user games**.

› And **direct** access to the huge **Prestel** database gives you a wide **variety** of on-line information, from share prices to theatre bookings.

› When you join, your **FREE** comprehensive **welcome pack** tells you all you need to know, and quarterly mailed copies of **LOG ON**, the Micronet members magazine, will keep you up to date and in touch.

› From about **25p per day** (plus local phone charges\*), this is an offer that shouldn't be missed – **get in touch now** for full details.



FREE DEMONSTRATION

Using a modem and view-data software, dial 0272 250000 using the ID 4444444444 and password 4444, for a Micronet demonstration – you can look up a local phone no. once on-line.

In touch. Informed. In a word ...

# MICRONET

\* FAX is an optional extra via the INTERLINK gateway. Cheap rate local phone charges are approximately 1p per minute inclusive of VAT.



From the programmers of Silkworm, the shoot 'em up of the eighties, comes SWIV, the shoot 'em up of the nineties.



STORM

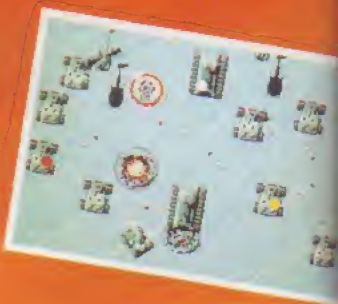
S

W

I

V

AVAILABLE ON AMIGA, ATARI ST, CBM 64, AMSTRAD, SPECTRUM



UNIQUE DYNAMIC LOADER SYSTEM

Computer aided weapons systems on-line, communications equipment operational. System check complete, prepare for combat as a member of your national elite assault team - SWIV. Two different vehicles of devastating destructive power, fighting together in one team.

PRIMARY OBJECTIVE: Destroy enemy control center.

SECONDARY OBJECTIVE: Interdiction mission. The destruction by military force of all enemy units.

SWIV - No one knows what it means but everyone will know it when it arrives. Coming soon.

"Destined to be THE Shoot 'Em Up of the year." Amiga Computing November '90  
"Superlative Shoot 'Em Up Stunna." Zero November '90

Screenshots shown are from the Amiga version.



DEAD HARD, WELL ARMED AND ALWAYS ON THE RIGHT TRACK

# SCREEN PLAY

## INCOMING!

Ocean storm ahead with  
**Battle Command P.52**

## Z-OUT

A+ or D- ? The initial verdict  
on the R-Type, X-Out hybrid P.56

## HORROR ZOMBIES FROM THE CRYPT

Aagggggggghhhhh!!!! P.75

## ISHIDO

Get stoned! P.82

## WRATH OF THE DEMON

Pick the grapes of Wrath P.64

## CAR-VUP

Core's car cracker P.72

**W**ith Amiga games becoming ever more diverse and complex, the *Amiga Format* reviews system is designed to be flexible enough to accommodate all styles and genres. We give one overall score, which reflects how good each game really is. This score is accompanied by a short list of the game's good and bad points, highlighting those elements that make it stand out from the crowd and those parts which really annoy. These points are then fully expanded and explained in the main review.

*Format* will, whenever possible, only review completely finished software. This means we see the version that ends up on the shop shelves, the version you buy. Waiting for finished games does occasionally mean that reviews of some Amiga products appear in other magazines before *Format*. Our review, though, will be an authoritative statement of what a game is like, not speculation as to what it may be like.

The reviews team is headed by Trenton Wood and Maff Evans. Trenton had a long history in the world of 8-bit games reviewing on *Amstrad Action* before moving up into the big league for *AF 14*. Maff Evans joined the team on *AF 7*, after a heroic tour of duty with *ZZp 64*. They are backed up by a highly-experienced team of specialist reviewers from Future Publishing's crop of market-leading computer titles.

**Narco Police P.55 ■ Chips Challenge P.58 ■ Damocles Missions P.66 ■  
STUN Runner P.76 ■ Ninja Remix P.77 ■ MUDS P.78 ■  
Eco Phantoms P.81 ■ Ehvira P.85 ■ Carthage P.86**



**J**ack Dempsey was known as the Manassa Mauler. He had a knock-out punch, could take a good shot and fought on until the bitter end. Maybe, just maybe, that's why *Battle Command's* tank star is called The Mauler, an ultra-sophisticated armoured weapon platform which is sent on suicidal missions that, with a touch of luck and some heavy planning, might just be feasible.

*Battle Command* blends tense tank action with serious cerebral activity. 15 tests of close-combat mouse control test your planning skills, weapons selection and pure guts when the shells start to fly.

# BATTLE COMMAND

Ocean £24.99 ■ Joystick, mouse or keyboard

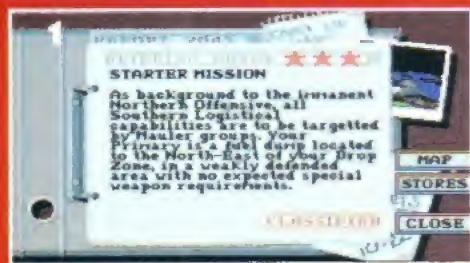


## User Friendly Armour

*BC* is played from the traditional tank sim' viewpoint. Sitting behind a viewing screen, you survey the battlefield and use a roving cursor to select the weapons and other systems. Pushing and pulling the joystick/mouse moves the Mauler, with the right and left buttons switching control from systems to

driving. Sights for the missiles and cannon pop up automatically, locking-on with refreshing speed, making the Mauler a very user-friendly tank indeed.

The whole game evolves around the map - one of the F-Key commands. You have to calculate the best routes between mission objectives and pick up zones. Used in conjunction with a radar and



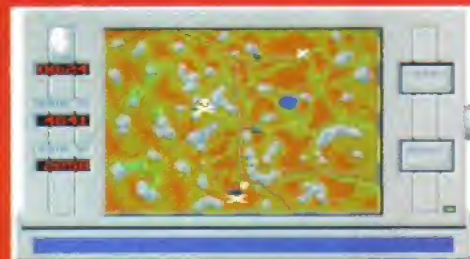
**"THE MISSION"**  
The plans have been laid for the next tank attack. You have to find and destroy an enemy base, make sure you are in possession of all the facts before embarking.



**"WEAPONS SHOP"**  
Here you tool up before going to war. There is a weight limit on the tank, and only four pods available. Make sure you have the tools to do the job, as many have a specific usage.



**"DROP OFF"**  
The chopper flies in low and fast. It slings the tank out of the back and then the battle begins. From here on in, you take command.



**"MAP READING AT 50 MPH"**  
The drop zone is marked as an X with a down arrow and the extraction point an X with an up arrow. The tank is you, any special points of tactical interest are marked in white.

**"BATTLE IS JOINED"**  
This mission, a destruction job, forces you to run a gauntlet of enemy installations. Using guided-missiles and cannon they must be dispatched before they damage your Mauler.



**"DAMAGE LIMITATION"**  
Before reaching the main target, it's worth checking your status. Badly damaged weapon launchers could ruin the mission and your chances of survival.



**"LOCK AND ROLL"**  
The radar-guided missiles have hit the target and destroyed it. The enemy are closing in. It is time to turn tail and head for the drop zone.



## COMMAND CONTROL

Weapon control window - here you get to see what weapons pod you are currently using and its status.

Weapons pods - four weapons pods are available on the tank. With either mouse clicks or keyboard controls you can switch armaments in the heat of battle. Only one can be fired at a time but defensive utilities can be left running.



Pick up button - summons the helicopter to the pick up point.

Fuel and speed - shows how much fuel the tank has (left), shows speed and direction (right).

Auxiliary monitor - used for wire-guided missile control, the binoculars and rear-view camera.

Night-sight - turns night into day.

Binoculars - used for long-range scanning.

## ANOTHER MISSION



# MAND



binoculars this allows long-range planning, while the fighting takes place from the tank's viewpoint.

When the enemies start blazing, the Mauler takes damage no matter how careful you are. Luckily the Mauler's a tough swine and it takes masses of hits before finally exploding. Avoid enemy fire by utilising your long-range fire to its maximum potential.

## Destruction Jobs and Escort Services

The missions vary in nature as well as subject. Some are destruction jobs where you take out an enemy base, some have you escorting convoys, others set you the task of recovering valuable military secrets from the hands of the enemy. Each needs a coherent plan and its own special skills.

The graphics for *Battle Command* are a visual weapon in the war of gaming addiction. With four different detail settings, for speed purposes, the game is well constructed giving the player choice. In mega-mode, obviously the slowest of the four, the vehicles are superb with easily

recognisable A-10 Thunderbolts, trucks and trains.

When the signal lights work at a level crossing, you know that you're in for a tank-busting treat. A fact that even the lame-ish tune and average sound can't effect.

## That's Entertainment

*Battle Command* is not only fun but it can be played as either a one-off blast or an on-going sequence with

disk-saved victories, BC has a depth of entertainment often lacking in high-tech shoot-outs. The number of missions may prove to be a hindrance in the long term, but some of these are incredibly tough. The game brings strategy, sim and shooting together brilliantly. It has enough abjectly weird locations to make exploring the world fun and there is an excellent range of firepower that promotes real experimentation.

You will find learning the strategies behind *Battle Command* is only half the fun and being in control of the battle is even better.

**Trenton Webb**

## CENTRE

Scanner - on collection missions eg satellite, this is used to guide you to the correct location for the rendezvous.



Radar display - Shows obstacles, enemies and incoming fire. The most essential bit of the tank's kit - after the weapons system!

Compass - helps bad map readers to get lost, and good ones to reach their target.

Rear-view camera.

## VERDICT

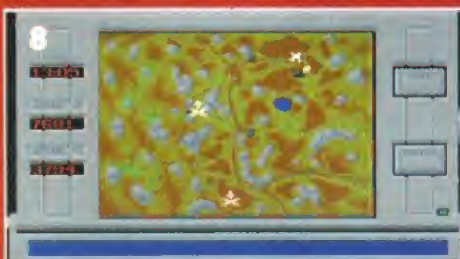
- ◆ 15 missions of pure tank action.
- ◆ Brilliantly (and variable) detailed graphics which move at a real pace.
- ◆ Vast array of different weapons and a good selection of missions.
- ◆ Some missions are rather odd and henceforth hard to complete.
- ◆ A brilliant blasting game cum tank sim.



## ON IMPOSSIBLE!

### "RUN AWAY!"

Check that map, find the drop zone and drive like a demon. The ammo' will be getting low and the damage toll will be high, so keep moving and watch the radar for incoming fire.



### "CALL THAT CHOP!"

It's a terrifying experience waiting for the helicopter. The enemy close in as the hell' lands. Keep dodging, keep shooting and shadow that helicopter.



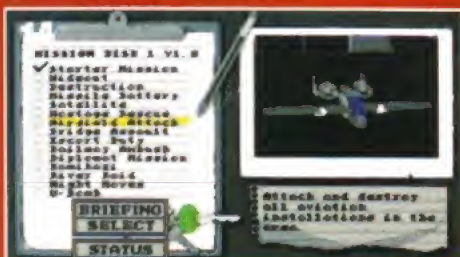
### "ALL ABOARD!"

Once the evac' unit arrives head for the rear of the transport and you're automatically rescued. Breath freely once more as you head homewards.



### "CHOOSE YOUR DOOM!"

At the front end of each game is a choice of which mission you will take on. You can choose any mission regardless of previous encounters, victories or defeats.



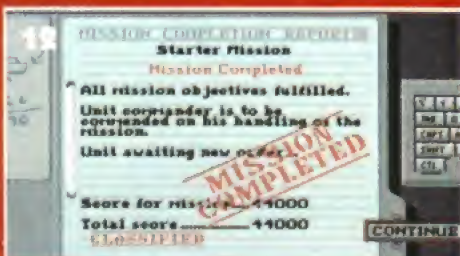
### "SAVE FOR A RAINY DAY"

After a completed mission commanders are offered the chance to save their commander to a separate disk. This way one man may, if very lucky, complete all 15 missions.



### "MARKS OUT OF 10"

At the end of each mission, your commanders give out information regarding the success of your attack, the number of kills and most importantly your score.



### "UP, UP AND AWAY"

The chop flies you off to safety. Take this time to admire the nice vector work, looking down on the tanks whose trap you have escaped. watch it and weep suckers!





# SOUND

# BLASTER



## PLAY ALL YOUR GAMES WITH ARCADE QUALITY STEREO SOUND

The SOUNDBLASTER is a 5 watt per channel stereo amplifier that comes complete with high quality 50 watt 3 way speakers, power supply and leads and instructions to allow it to be quickly & easily connected to your computer.

The SOUNDBLASTER adds an extra dimension to your games, imagine super stereo sound effects, crystal clear samples and terrific tunes.

The SOUNDBLASTER makes your games come to life, increasing playability and giving greater lasting appeal.

**FREE pair of stereo HEADPHONES with every SOUNDBLASTER!!!**



### ORDER YOURS NOW



FOR CREDIT CARD ORDERS, TELEPHONE: 061 228 1831. ACCESS/VISA.

PLEASE SEND ME A SOUNDBLASTER FOR MY ..... COMPUTER

I ENCLOSE A CHEQUE FOR £52.99 OR CREDIT MY ACCESS/BARCLAYCARD No. ....

NAME .....

ADDRESS .....

..... POSTCODE .....

**SIREN SOFTWARE,  
84-86 PRINCESS STREET, MANCHESTER, M1 6NG, ENGLAND. TELEPHONE: 061 228 1831**



# NARCO POLICE

DINAMIC £24.99 ■ Joystick, mouse and keyboard.



**G**oddamn the pusher! Dinamic, the action specialists from Spain, have extrapolated the current drug crisis forward into the year 2003 and what they see is bleak. One fifth of the entire world are addicts and the drug czars have immense power. The Narco Police are the answer to this problem, and their solution is final.

Three teams of heavily-armed troopers are sent into attack an underground-island drug lab. The team are controlled individually and are viewed from behind as they run down the cave tunnels. When one gets blasted another steps up to take his place a few yards back down the corridor. You can swap between the various teams and choose either to take one unit on or work all three groups as an overall force.



and been directed to a tunnel, they just plod along doing what you tell them to. Until they fall over dead that is, after being shot, which isn't their fault. They follow the stick movements every way except backwards – this is used for changing ammunition – and therefore cannot backtrack.

Firing is controlled by pressing the fire-button whilst moving the joystick to aim the gun. All pretty normal really, with you waving the gun in the direction of the druggie. All the other weapons and equipment are used via a 'type-in' computer panel. This controls everything from launching missiles to teleporting in extra NPs.

The boys wander the corridors trying to find the elusive CPL (Central Processing Laboratories) and are constantly surprised by hordes of guards, automatic gun cameras and laser trackers. All these have to be blasted out with different ammunition. Occasionally

they chance upon machine-gun nests, tanks and doors which require special treatment, but do signify the end of a section.

### Walk Like a Man

It is not the shooting – which is delightfully loud – and the mapping that makes NP so impressive, but the fluid movement of the characters. Walking is seen from three, slightly different, perspectives, also the shoulders dip as the gun sweeps around and the NPs fly backwards, blood gushing, when shot. Each frame of movement has been well thought out and animated, to create realism and heighten tension.

The computer the NPs carry is supposed to free the joystick for fighting and moving. Yet the 'computer' is very sensitive and typing errors earn an 'unknown command' message. This leaves you expecting a missile, but nothing happens; very embarrassing and dangerous.

In the second stage the ordinary soldiers are replaced by hardened mercenaries. This toughness is not to be sneered at as it ensures hours of play, but it's only for the determined and not just thrill seekers.

Narco Police requires repeated playing at first to find the right route and then some hard blasting to make it through. The correct munitions must be selected, the right tunnels chosen and all the battles won. Backed up by great animation and sound effects the Narco Police should be shooting for the top. **Trenton Webb**



That door is blocking the way! There's only one solution and that's to blast it. An M2 missile should suffice. Make sure each team has a couple because there's no other way through.



Being in the spotlight is bad news. This laser scanner kills in seconds, so switch ammo to armour-piercing and then swing the gun up and right to destroy it. Dumdums will have no effect.



Ah! Tactical error, never stand in front of machine-guns. A missile is required to kill these guys, but the road behind them should lead somewhere really interesting, namely to another sector.



Lone troopers tend to throw grenades, so get ready to duck down, but keep shooting!

### Shot In The Dark

The soldiers are simple folk. Once you've stopped off at the weapons shop



## PRESS FOR ACTION



Instead of enemies leaping down from the ceilings or remote machine-guns popping out of the walls occasionally, a terminal drops from the ceiling. This allows one team to help their fellow Narco Police by deactivating obstacles that lie in other corridors. This terminal can

deactivate the machine-guns (DG), deactivate the cameras (DC), open doors (O), check the team's stats (S) and call up a map (M). This way only one of the teams has to carry explosives and the other two take the heat off them as they try to reach the labs.

## VERDICT

- ◆ Great animation and loud sounds.
- ◆ Strategy and shooting combined for thoughtful slaughter.
- ◆ Rather tough and the going gets slow.
- ◆ Troopers occasionally refuse to respond to commands.
- ◆ Twitchy 'computer' makes life a lot harder than it should be.



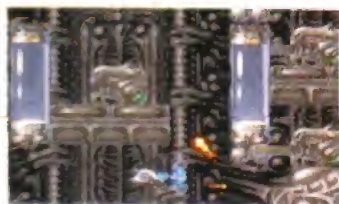




Approaching the JCB-type scenery near the end of level two gives a prime example of the amount of work that has gone into producing the graphics for Z-Out. But don't hang around looking at the pretty pictures for too long, or those vicious aliens will have your head!

# Z-OUT

Rainbow Arts £24.99 ■ Joystick



Heavy Giger influence abounds in modern shoot-em-up! Just take a look at those Alien-style monsters!

High quality scrolling shoot-em-ups are few and far between these days. The days when every other game had you flying a lone fighter craft into the depths of danger to save the universe are long gone. But to be honest it would be a shame if the genre died out completely, so it's nice to see a shoot-em-up as impressive as Z-Out.

### X, Y and Zee

The game continues the story from Rainbow Arts' previous blast, X-Out

(which wasn't pronounced Crossout after all). The enemy forces on the Alpha Centauri moon have been destroyed which has thwarted their invasion plans.

Celebrations however are short since signs of heavy military movements on the surface of the planet itself have been detected.

You are the head of the newly formed Z-Out attack team. It is your responsibility to attack the planet surface and put paid to the enemy forces plans of attack once and for all.

The High Command thought buying weaponry and ships from an independent dealer held up military planning and so now have decided to cut out the middle man on the latest mission and have come up with their very own fighter craft and weapon systems.

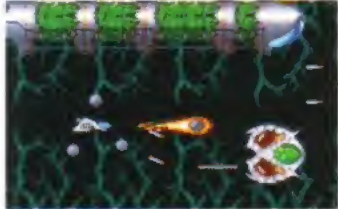
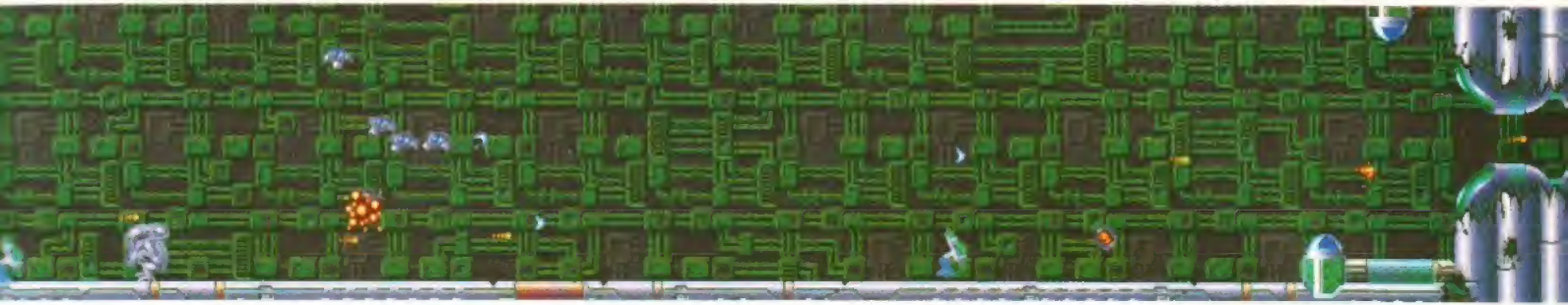
The mission begins when you are dropped at the outer reaches of the first defence zone, armed with a simple front cannon. As you progress deeper into enemy territory you will come across various power-ups which contain weapons

that can be bolted onto your ship to improve its firepower. The first item you pick up gives your ship a front-mounted pod, which protects you from bullets and smaller enemies and can be added to with further pick-ups.

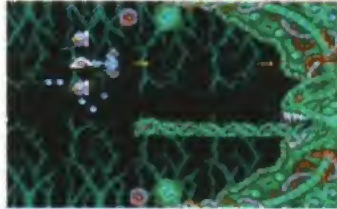
If this all seems familiar, then that's probably because it is! In fact Z-Out is pretty much your standard progressive weapon shoot-em-up. But originality isn't really the point with a game of this type, the main emphasis has to be on the look and feel of the game.







Revolving satellites are pretty useful for dodging this beastly's missiles, but you'll need to use some hefty flames to kill him!



Extending, snappy jaws and mutant, alien fried-eggs are the order of the day when facing this creature at the end of level two.



Mutant jellyfish attacking, and there isn't really enough time to ask if they're teenage or hero! But they're definitely dangerous.



Those shells you used to collect on the seaside never reacted as violently as this pretty fellow - but then they were never as big.

## SLICE AN' DICE, MAN!

The key to beating Z-Out is making the best use of the additional weapons.



**BOUNCING FLAMES** - shoot out diagonally and bounce off the walls.



**EXTRA LIFE** - an...er...extra life.



**FUSION BOMB** - fires splitting boomerang shots.



**FLAME-THROWER** - shoots flames that move up and down in sync with your ship.



**STREAKER** - fires a lightning bolt. The satellites can also fire them on the second power-level.



**ROTATOR** - causes your drone and satellites to turn into a rotating shield.



**CREEP BOMB** - shoots flames that follow the outline of any scenery they hit.

### Lovely Plumage

The first thing that hits you about Z-Out is the incredible amount of work that has gone into the game's stunning graphics.

Some of the sprites and backgrounds are simply outstanding, making the game look like it should be standing in an arcade rather than on a home computer.

Fortunately, the care taken over the appearance doesn't mean the rest of the game has lost out. The sound effects and music that back the action are equally impressive, with some atmospheric tunes to set the tone of the frantic action.

The title music contains the best piano sample I've heard in a piece of Amiga music, but then you'd expect the sound to be good coming from Chris Hulsbeck who is the creator of the superb music tool TFMX.



Never mind the pretty blue eyes - the rest of it's ugly and it's swooping in for the kill. Aaargh! Get the rockets out!



Not only are the enemies launching missiles at our hero, but the volcanos are spitting their fair share of plasma death.

So the presentation's good, but what of the gameplay? Well to tell the truth...it's extremely enjoyable! The sign of a good shoot-em-up is when the collision detection is spot on and the control feels fluid, and when you are shot playing Z-Out

you know that you're to blame for being hit! Not since Xenon II back in September 1989 has such an impressive shoot-em-up appeared on the Amiga - and that's one of the best games ever!

**Maff Evans**

## VERDICT

- ◆ Superb arcade-style sound and graphics.
- ◆ Fluid joystick control and absolutely spot-on collision detection.
- ◆ Simultaneous two player 'team' mode.
- ◆ Powerful array of weapons to blast the evil alien hordes.
- ◆ Extremely addictive gameplay keeps you hooked for hours.
- ◆ One of the best scrolling blasts for some time.

90%





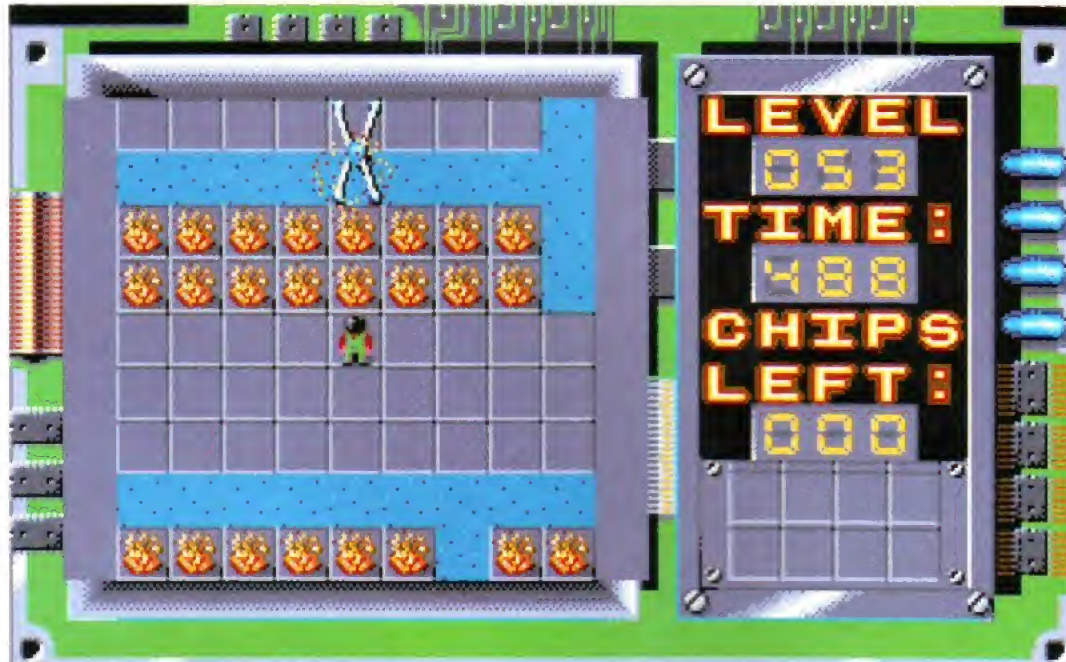
Peer pressure can be a powerful thing. Take young Chip McCallahan for example. He will do just about anything for Melinda the Mental Marvel, climb high mountains, slay dragons and...er...join her computer club.

**Who Ya Gonna Call?**

Unfortunately membership of the "Bit Busters" computer club is highly exclusive and extensive tests must be undergone before anyone is allowed to join.

But one day while Chip is innocently eating his lunch in the school cafeteria, Melinda sits next to him and offers him the chance of becoming a member of the Bit Busters. Naturally he says "Yes!".

This is where the gameplay begins. Chip must complete a sequence of nine tutorial missions. These are just to get him into the swing of things before he goes on to the more complex levels.



Melinda and her chums have set Chips a real poser on Level 53. First Chips must find a way around that fire – a fire shield would help – but then there is the problem of the water. After that there is always the strange stretchy X thing to deal with. Normally a number of chips have to be recovered, but on this level it is just a matter of finding the right exit, quickly enough to beat the clock. That may be more difficult than it looks.

# CHIP'S CHALLENGE

US Gold £24.99 ■ Joystick

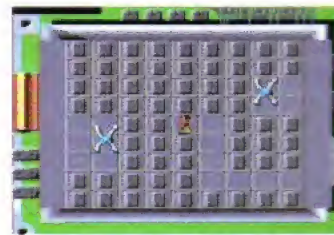
The game takes the form of an overhead-view maze game, with Chip having to collect a set number of microchips before finding the exit. Unfortunately the chips are hidden in fairly inaccessible locations, with a series of puzzles needing to be solved before they can be collected.

Obstacles such as water channels, icy floors, balls of fire and creepy bugs must be encountered along the way, but with a quick mind and a quicker bit of joystick wielding and Chip can win through.

The puzzles are easy to complete on the first few levels, but as soon as you hit the more complex stages then things get a mite more difficult. Trying to work out the



Ah, spiders! These little red darlings are guarding the chip that will let him escape the level. One touch however is fatal.



More chips than a growing boy can eat. Getting them however lets the nasties out, so the order of collection is important.



Tanks and bubbles! What a dreaded mixture. Still with a bit of clever planning, quick joystick movements and he's safe.

route through the mazes and sussing out how to use the objects you find is pretty enjoyable and should keep those who are into a bit of mental torture playing for quite a while – especially as there are over 140 levels to complete!

The graphics aren't exactly outstanding and the tune could become a tad annoying after a while, but don't let that put you off having a go.

Chip's Challenge is just the thing to while away the cold winter

evenings – just watch that you don't end up sitting there all night and keep on playing so as "just to beat this puzzle", otherwise your family will probably get rather annoyed with you!

Maff Evans

**TOOLS OF THE TRADE**

One thing you have to master in Chip's Challenge is how to use the various objects. Quite often keys are not the only way to get past a blocked path!



**KEYS** – open the relevant coloured door, but can only be used once.



**MAGNET** – allows Chip to walk freely on moving floors.



**ICE BOOTS** – allow Chip to walk on ice without slipping.



**WATER SHIELD** – lets Chip wade through water without fear of drowning.



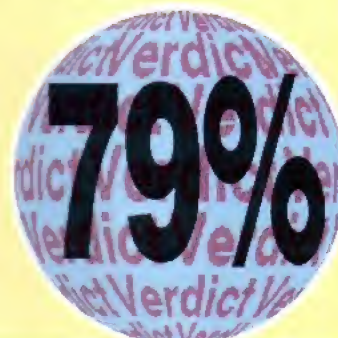
**FIRE SHIELD** – provides Chip with a rather useful asbestos suit.



**DIRT BLOCKS** – just the thing to bridge water, blow up bombs and deflect the odd nasty!

**VERDICT**

- ◆ Simple sound and graphics portray the action adequately, but don't amaze.
- ◆ Starts off easily enough to allow you to get into the feel of the game, but soon becomes a lot tougher.
- ◆ Requires a lot of thinking as well as quick reaction to get through some of the more devious puzzles.
- ◆ Seems rather simplistic at first, but soon becomes rather addictive.





# MIGHTY BOMB JACK™



TECMO™  
© 1990 TECMO, LTD.

elite



## AMIGA DEALS

### AMIGA 500 STANDARD PACK

- ★ A500 computer ★ 512k RAM ★ 1Mb disk drive ★
- ★ mouse ★ modulator ★
- ★ power supply ★ operation-manuals ★
- ★ workbench disks, etc. ★

ONLY **£339.95**



### AMIGA

### 1/2 MEG UPGRADE BOARD

- ★ Uses latest 4 chip design
- ★ Memory on/off switch
- ★ Option of battery backed clock
- ★ Full 12 month guarantee
- ★ New super low price

**£29.95**

Clock Version

**£34.95**

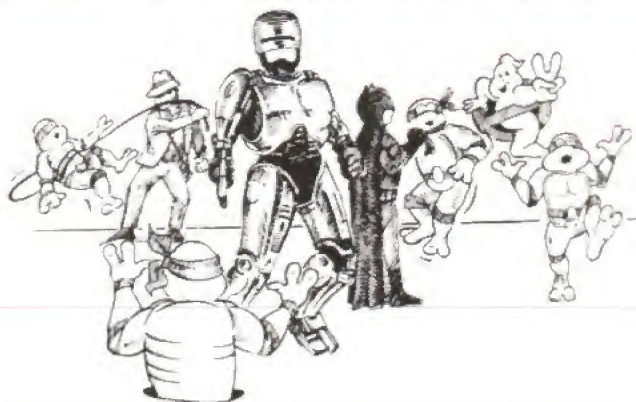
### A590 HARD DRIVE

- ★ Official Commodore hard drive
- ★ Sockets for 2Mb RAM
- ★ Complete with free software pack
- ★ Built-in P.S.U./cooling fan

**£269.95**

## MOVE OVER TURTLES - ROBOCOP AND HIS PALS ARE IN TOWN!

ROBOCOP



BATMAN

INDIANA  
JONES

GHOSTBUSTERS II

### AMIGA SCREEN GEMS PACK featuring ROBOCOP AND FRIENDS

#### Just Look At What You Get

- ★ Amiga as in standard pack
- ★ Days of Thunder
- ★ Shadow of the Beast II
- ★ Back to the Future II
- ★ Nightbreed
- ★ Deluxe Paint II

#### PLUS exclusive to Dowling

- ★ ROBOCOP
- ★ BATMAN the Movie
- ★ GHOSTBUSTERS II
- ★ INDIANA JONES and the Last Crusade

All for the incredible price of **£369.95**

### THE ALL NEW ULTIMATE GAMES PACK

Take the pack on the left featuring Robocop etc. and add the following:

**EXCLUSIVE DOWLING MEGA TEN GAME PACK** comprising RVF HONDA, DATASTORM, DUNGEON QUEST, E-STORM, GRAND MONSTER SLAM, KID GLOVES, POWERPLAY, SHUFFLEPACK CAFE, MICROPROSE SOCCER, TOWER OF BABEL.

Total RRP of games over **£229**

#### PLUS

- ★ Megablaster Joystick ★ High Quality Mousepad ★ Dustcover

All for the unbeatable price of **£399.95**

### AMIGA "FIRST STEPS" EDUCATION PACK

- ★ Amiga as in standard pack
- ★ A501 0.5Mb upgrade
- ★ Pro-write 2.5
- ★ Deluxe Paint II
- ★ Deluxe Print II
- ★ Infofile
- ★ Music Mouse
- ★ Amiga Logo
- ★ Talking Turtles
- ★ Lets Spell at Home
- ★ BBC Emulator
- ★ Ten CBM disks

All this for just **£529.95**

**PHILIPS** ★ Converts your 1084S/8833 into a colour T.V.  
**T.V. TUNER** ★ Complete with aerial and plug  
★ Free 1 years on-site maintenance **£69.95**

**AMIGA** ★ Replacement mouse by contriver  
**MOUSE** ★ Free mousemat  
★ Free mousehouse RRP £34.95  
★ Full 1 year guarantee **OUR PRICE £19.95**

### AMIGA PERIPHERAL PACK

#### A must for every Amiga user

- ★ 1/2 Meg upgrade board .....RRP £49.95  
Giving your Amiga a full 1 meg of RAM
- ★ CAX354 CUMANA DISK DRIVE .....RRP £89.95  
Renowned as the "best" on the market
- ★ Box of 50 DS/DD disks .....RRP £39.95  
High quality, individually wrapped disks

Total RRP £179.95 **OUR PRICE**  
**£99.95**

An ideal gift this Christmas

**DOWLING**

**COMPUTERS**

UNITS 48-50 TYNE ROAD, SANDY, BEDS, SG19 1SA



**THE Star**  
COMPUTER PRINTERS



Being Star registered dealers we only sell official UK machines which come with a full 1 year guarantee. Beware of inferior imported products.

**PRINTERS**

- Star LC10 Mono 144/36 cps
- Star LC10 II 25% faster version
- Star LC10 colour, 7 colours
- Star LC24-10 - 24 pin multifont
- Star LC24-15 wide carriage version of LC24-10
- ★ Star FR10 300/76 cps, 31K buffer, 16 NLQ fonts
- ★ Star FR15 wide carriage version of FR10
- ★ Star XB24-10 professional 24 pin series, 27K buffer
- ★ Star XB24-15 wide carriage version of the above with 41K buffer
- ★ Star LS08 LASER PRINTER 1Mb Ram, 300 x 300 dpi
- Star LC10 sheet feeder (auto)
- Star LC10 mono ribbons
- Star LC10 colour ribbons
- Star LC24-10 ribbons
- Star LC10 quality dust cover

**RRP**

**OUR PRICE**

£229.95	£149.95
£263.35	£169.95
£297.85	£189.95
£343.85	£229.95
£573.85	£389.95
£527.85	£369.95
£688.85	£459.95
£688.85	£459.95
£907.35	£599.95
£2172.35	£1399.95
£74.75	£59.95
£5.95	£3.95
£7.95	£5.95
£7.95	£5.95
£7.95	£5.95

★12 months on-site maintenance



**HOW TO ORDER**



**BY PHONE**



Simply call our head office quoting your Access/Visa number on

**(0767) 681760**

(8 lines)



**BY POST**

Make cheques, building society drafts or postal orders payable to:

**Dowling Computers**



**DELIVERY** (UK Mainland, most areas)

Please add £6 courier delivery for orders over £100, add £2 p&p for orders under.

**THE NEW 200 SERIES FROM Star**  
"The best printers just got better!"

**LC-200 FACT FILE**

- ★ Multi-purpose 9-pin, 80 column dot matrix printer with colour
- ★ Black and colour ribbons included as standard
- ★ Electronic dip switches (see LC24-200)
- ★ 180 cps draft elite/45 cps near letter quality
- ★ High speed draft facility 225 cps at 12 cpi
- ★ Swivel selectable push or pull tractor
- ★ Bottom feed
- ★ Advanced paper parking with sheet feeder installed
- ★ Eight resident NLQ fonts: Courier, Sanserif, Orator, Script and italic versions

**LC24-200 FACT FILE**

- ★ Versatile 24-pin 80 column dot matrix printer
- ★ 200 cps in draft elite/67 cps in letter quality mode
- ★ 10 resident LQ fonts
- ★ A high speed draft facility of 222cps at 10cpi
- ★ Swivel selectable push or pull tractor
- ★ Bottom feed
- ★ Advanced paper parking with sheet feeder installed
- ★ The economy of first and last line printing
- ★ 7 K-byte buffer expandable to 39K-bytes
- ★ 11.7" carriage (A4 in landscape format)
- ★ Multi-part mode for 1 + 4 copies

**LC24-200 COLOUR FACT FILE**

- ★ Multi-purpose colour version of the 24-pin LC24-200
- ★ Seven colour printing - black, purple, orange, green, pink, blue and yellow
- ★ 30 K-byte buffer expandable to 62 K-bytes
- ★ 10 resident letter quality fonts: Sanserif, Times Roman, Courier, Prestige, Script and italic versions
- ★ Electronic dip switches operable from the push button front control panel (as the LC24-200 mono version)
- ★ Optional font cards including Russian
- ★ Standard black ribbons available for economy purposes

RRP £297.85      **OUR PRICE**  
                             **£199.95**

RRP £366.85

**OUR PRICE**  
**£239.95**

RRP £424.35      **OUR PRICE**  
                             **£279.95**

**3 1/2" HIGH QUALITY DISKS**

Box of 50 .....	£19.95
Box of 100 .....	£37.95
Box of 250 .....	£79.95
Roll of 1000 labels .....	£5.99

- ★ 100 % certified ★ Individually wrapped
- ★ "Made in Japan" Media ★ Fully Guaranteed

**CUMANA CAX 354 DISK DRIVE "SCOOP"**

- ★ Latest slimline design
- ★ High Speed Access
- ★ Acknowledged as "the best"

RRP £89.95      **SCOOP PRICE** **£59.95**

**ATARI ST VERSION £69.95**

**MUSIC X SCOOP**

Music X Junior .....	£79.95	£34.95
Music X 1.1 .....	£149.95	£59.95
4 Port Midi Interface.....	£29.95	£14.95

**HURRY STOCKS LIMITED**

**COMMODORE 1084S OR PHILIPS 8833 MKII**

- ★ Stereo Colour Monitor
- ★ Can be used as a TV with Tuner
- ★ includes Amiga/ST cables

RRP £299.00      **OUR PRICE** **£249.95**

**PRICE PLEDGE**

We know the majority of you prefer to buy from us but are sometimes tempted by smaller companies offering a £1 or so price difference. That is why we have now introduced our

"PRICE PLEDGE"

**"WE WILL MATCH ANY PRICE OFFERED ELSEWHERE ON A SAME PRODUCT BASIS"**

★ Subject to stock

**WHY CHOOSE DOWLING?**

- ★ **ESTABLISHED OVER 4 YEARS**  
With a growing reputation for "putting the customer first". We intend to satisfy many more customers for years to come
- ★ **TECHNICAL SUPPORT/ON-SITE ENGINEERS**  
Employing over 20 specialist staff, we are equipped to deal with the majority of queries
- ★ **FULL TESTING PROCEDURE**  
All computer hardware is tested prior to despatch, proving Dowlings commitment to customer care

*So choose Dowling and put our reputation to the test!*

**TELESALES ORDER LINE 0767 681760 (8 lines)**



# ATF II

ADVANCED TACTICAL FIGHTER II



## ADVANCED TACTICAL FIGHTER II — Strategic Frontline Action —

A unique blend of arcade action and mind-bending strategy.  
Beyond today's technology — fly into the future with ATF II....

Atari ST/STE, Amiga & all IBM formats. r.t.p £24.99





# BOTICS

Krisalis £19.99 ■ Joystick

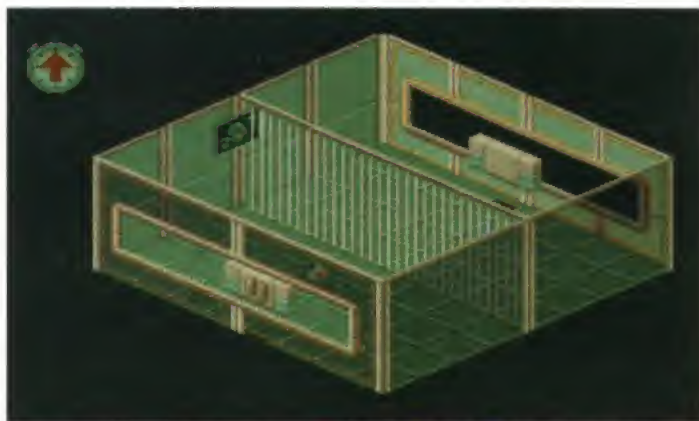
In the future, people aren't really going to want to see more and more extreme forms of sport. Violence will be distasteful; death unacceptable. In the future, people are going to want to watch robots playing Pong.

Pong, if you don't have memory circuits that stretch that far back, was a game involving two paddles and a bouncing ball. You batted the ball to your opponent; he batted it to you. First one to let out a jaw-cracking yawn loses.

But in the year 2085, people yearn for the quiet life. They demand a return to the days of Pong. But Pong played by real people might be too exciting, so they invent robots which can do it. Steel robots, steel arena, steel balls.

## Reality of Cyberpunk

Also, time has added a third dimension to the game. Pong is played in a box-like oblong arena with letter-box-shaped apertures on each far wall. These are what the ball is aimed at. Thus you must not only judge left and right, but the up, down and bounce angles too. The paddles are cybernetic robots, as is the ball. All have little faces, no doubt to marry together the harsh



The Arena. The letterboxes at each end are the goals, and the central divide is a force-field type thingy. Through that hole in the wall, a referee's face is peering. Each Botic is in the start-up position, and the ball is semi-hidden on court. But it's still a jumped-up Pong, really.

virtual reality of cyberpunk and the sweet niceness of cutesy graphics.

You must amass five wins to go to the next round, facing even harder opponents. The arenas remain the same; it's just the more skilful computer opponent which makes the game harder.

You have the ability to electrify your robot. This sends the ball bouncing towards the enemy at a huge rate of knots.

If the ball ever comes to a halt on the surface of the arena, a steel plate slams it towards one of the participants. Thus the game contin-

ues until someone has lost the required number of games.

The rewards for playing well appear simply to be the chance to play in another, different coloured arena. What is wrong with *Botics* is there is just absolutely nothing addictive about it.

Combination of cuteness and futuristic metal doesn't work. There are many frills and baubles which give the unfortunate impression of filling space, and fleshing out what is otherwise a fairly simple reworking of the oldest computer game of all. **James Leach**

## VERDICT

- ◆ Sound is all right.
- ◆ Graphics are fine.
- ◆ Playability suffers after one game.
- ◆ There just isn't enough variety.
- ◆ This game format died when chips replaced valves (almost).



In common with many cyberviews of the next couple of hundred years, *Futureworld 2085* has banks of densely packed TV screens. Whether people are going to rapidly evolve the ability to watch a dozen channels at one time is never addressed. The idea, presumably, is information will come streaming towards us at many times the rate it does now, because there is so much more of it to absorb.

In *Botics*, the screens display adverts, news and plugs for the game itself. But the high-technology, information-laden media is rather a waste of time, this is simply because none of the video screens are really worth watching. So robots do the announcing, and nobody ever pays any attention to the viewing figures. In reality, the general populace of the future is watching the *Show Jumping* on BBC2...

## PLAYERS



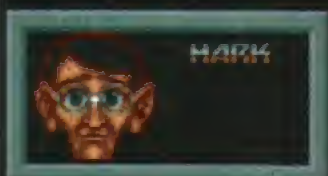
The *Botics* characters are, to a man, completely irrelevant. Meet Brett. He is, however, a worthy opponent (ie you can beat him easily).



Hank's secret weapon is his frighteningly unrealistic sideburns. They are detachable and offer little protection should a steel ball slam into them.



A latter-day Jimmy Saville, Mitch has chosen to model himself on 19th Century political figures. He regularly adopts the nasal monotone of Disraeli.



Another worthy opponent. Mark is 26, speaks German and wants to travel. He drives a 1979 Capri and claims never to have heard of the word "mellifluous".



Hank is possibly the hardest of the players. His aggression stems solely from being christened Susan by his cynical virtual-reality cyber-parents.





**Y**ou wouldn't like me when I'm angry, said the demon and promptly set about laying waste to the land to prove it. It is the king's land you must save and the demon is the person who you must defeat in the standard issue-crisis scenario.

The long-winded mission begins with a gallop across the countryside as your ill-equipped adventurer rides his white steed as fast as he can. For such a small-time hero (to begin with, at any rate), he's quite a large sprite and rides a comparatively large horse.

Both traverse a background of eleven levels of parallax, in a very smooth execution of the technique. As he rides towards almost certain death, he's assaulted by gargoyles who drop on him from above, and he must persuade his mount to jump obstacles and has to grab up from the ground any useful items he passes by.

**Hobnoblin' The Goblin**

After the prolonged hand and eye coordination this level demands, you scroll onto level two, in which two goblins attack you by your campfire. The first comes for you with a sword and a grin that has the words "Kick me" written all over it. The second remains on the right of the screen, hurling daggers and swords that you have to duck down or leap over during your combat with "Kick Me".

It's a difficult bash. Neither gobbo presents much of a target and when you take a hit, you're either knocked backwards or even off your feet altogether.

You begin level three by entering the hole inhabited by a large blue lounge lizard with terminally obstructive tendencies. However, he's not much of an opponent in spite of his intimidating bulk. The hit that sees him off reduces him to the insignificant stature of a flea-sized sprite who immediately makes a sharp exit stage left.

It's a shame he leaves because he then misses out on the arrival of a blond 'n' blue floating bimbo on business from the boss. Unfortunately, all she does is deliver bad news (to wit: one recently captured princess must also be rescued) and shoots off before you can say, "My name's Horn The Enormous, what time do you knock off?"

These first three levels, though they're fun to play a few times, don't have much in the way of staying power and amount to nothing more than false starts. But big time hack-'n'-slay comes your way from here on in, though, so the sooner you can finish the first three levels

# WRATH OF

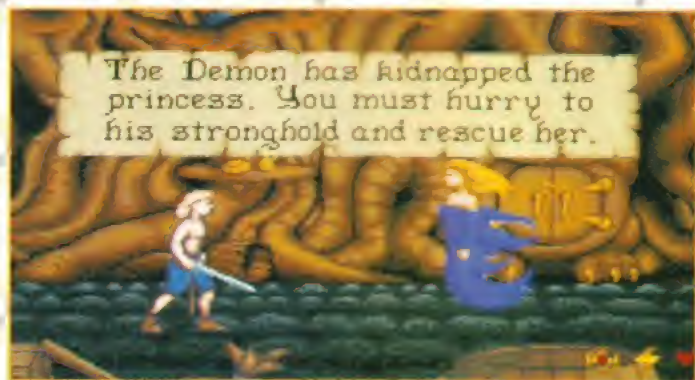
Readysoft £29.99 ■ Joystick



Why you wander into this blue meanie's pad is never adequately explained, though the lack of transport is. Apparently, the gobbos from level two (who you deftly dispatched only moments ago) scared off your horse. Anyway, just to prove that size isn't important, concentrate on belly and head hits (running away between each one) and ol' pot belly here will soon come a cropper. (Fortunately, he must have just finished gargling some Listerine because he can't breathe fire.)

and save your game the better (you can load and save during the between level screens). Unlike the single screens of previous levels, true parallax scrolling adventure starts here. And ends, most likely, because it's vicious. You can travel in either direction, just to make things difficult, and there are hordes of monsters so horrible they would make an appearance by Jeremy Beadle look good.

If the 600th location carries as half as much conviction as the first does, then any amount of effort you put into getting there will have been well worth it. **Sean Masterson**



Any courier service that uses dematerializing damsels to deliver news updates gets my vote. But despite the apparent plot twist, it was destined to happen and you just have to live with it. Not another princess who needs to be rescued? Don't they ever learn?

## DRINK AND BE MERRY



The skull surrounded by circles (screen top-left) is your life-force indicator. Successive hits turn red circles into gold, clockwise.

When the last disk changes your hero eats dirt so it's a good idea to purloin the potions which pop up. Zap gives the bad guys

what's good for them, a sip of Shield gives you a taste of immortality and Heal makes you feel better. However, there is no way of distinguishing between the three (except that early on, you only get healing potions) and some of the phials and bottles are booby-trapped with toxic waste (avoid large red vases and anything that looks like an Aladdin's lamp). Indicators in the bottom right of the screen tells you how many of what you have got, but no more than three potions of a given kind can be carried at once. Potions can be carried between levels and wounds are also healed between each stage.



# THE DEMON



No rest for the wicked. Just when you're bedding down for a good night's shut-eye, these two gatecrash the campsite and decide to use you as a dartboard. Just clobber the first one and his pesky pal will make an obligingly sharp exit. Dodging the hurled blades as well as engaging in combat isn't an easy combination of tasks. This screen is significantly tougher than it looks. Strangely, though, levels in *Wrath of the Demon* don't get progressively more difficult. This level is followed by an easier one, for instance.

## IN THE BEGINNING



*Wrath's* gobsmacking intro is high-lighted clockwise from bottom left. Opening shots like the bell tower and village are animated with complex pans. Some good perspective work follows (the chap running into the screen, for example) and it comes to an end with subtle effects as the howling wind catches the parchment.



On the long scrolling road to the Demon's lair, the appearance of monsters like this hunched skeleton become predictable - but not necessarily easier to defeat.



Level one is a hand-eye coordination test but what an example of one! The animation is designed to induce instantaneous frothing from the mouths of all who see it. Keep those tissues handy.

## SHADOW OF THE OTHER GAME

*Wrath of the Demon* spans five disks and boasts 600 locations. Only one disk is required at a time, lower levels loading one at a time, later ones demanding the odd game-freezing access. Disk one contains a Psygnosis-style intro sequence but nothing else. This delivers in terms of high-quality animation but it's already been outclassed by *The Killing Game Show*. The similarity between Readysoft's latest and the efforts of the Liverpool lads doesn't end there. The soundtrack, courtesy of David Whittaker, is a subconscious reprise of the one he wrote for *Shadow of the Beast*. But more disappointingly, the gameplay is remarkably similar too, and is flawed in the same respect. Most of the hazards and obstacles are entirely predictable after one play, which means there's never any reason to go back to a level you've completed and play it again. The only reason for struggling on is to get another eyeful of gorgeous graphics. Fortunately, in this case, that reason is good enough.



Our hero's final moments are captured as he hurls himself in the path of level four's snot balloons. The monsters are superb.

## VERDICT

- ◆ Stunning but ostentatious intro.
- ◆ Moody soundtrack you've heard before somewhere.
- ◆ Breathtaking graphics, animated or otherwise.
- ◆ An essential save-game facility.
- ◆ Restricted gameplay.



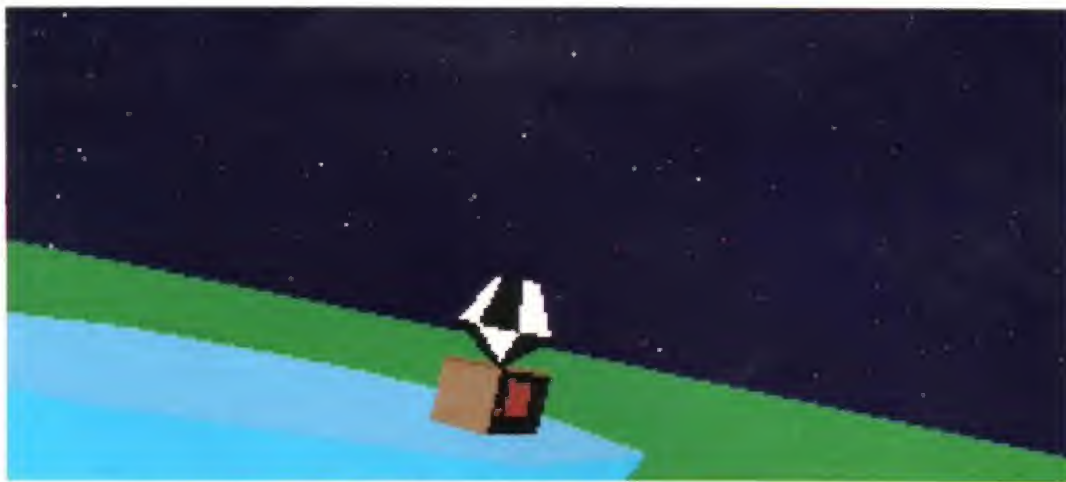


**A**fter receiving the elusive *Format Gold* award in Issue 14, *Damocles* has captured the imagination of many a budding space adventurer. The four possible solutions included on the main disk are extremely taxing and will take some playing before they're completed, but what happens when you've finished them all? Well here's the answer.

**A Longer Thread**

Dedicated *Damocles* adventurers can now add a little extra spice to the game with an additional mission disk. All the missions are based on the same general scenario, but with a few added problems for you to solve.

The first of this new batch poses a particularly difficult poser. Professor Hantzen, the inventor of the powerful Novabomb, has heard that you are going to attempt to save Eris from the comet. Now for some reason he has taken rather a dislike to you and would rather see Eris destroyed than let you get your grubby mitts on the reward. To thwart your plans, he has stolen the Eagle ship and placed the Novabomb on top of the Spaceport's tower...with an explosive strapped to it! You have only ten minutes to find enough money to buy a new ship and fly to the tower and defuse the explosive – a tricky task even for the most experienced mercenaries.



The source of the problem on the first of the extra missions. Professor Hantzen has stolen your spaceship and strapped the Novabomb to some explosives on top of a tower. The timer is set to ten minutes, so you're going to have to work fast to undo the damage and then go on to save the planet from destruction.

# DAMOCLES MISSION DISK 1

Novagen £9.99 ■ Requires *Damocles* Game Disk



Since the Prof has stolen the Eagle 9SE, you'll need to use this baby as an alternative – The Bestcupand. It's the only ship which is easily available, so you need to acquire it and rush on to save the day. But look at the asking price! Can you possibly raise the dosh in time?

**Nefarious Deeds**

This devious twist is just the kind of thing that makes the extra missions worthwhile. The original game took a great deal of thought and skill to beat, but the five extra scenarios included on the mission disk make it seem like a piece

of...er...cake (yes, that's it. Cake). Those of you who have only managed to get to grips with the game after a lot of hard work and don't fancy putting their brains through more torture don't need to worry though. The disk contains full mission briefings and even

solutions for those of you who are particularly squeamish!

If you've played *Damocles* to death and want more of the same sort of challenge, then it's well worth you shelling out another tenner for this collection of little sub-plots. They do add a surprising new element to an already enthralling game. **Maff Evans**



No one seems to be sitting on this attractive settee, so it might be a good idea to pilfer it to raise funds for your mission.



The power station is where you'll find this heat resistant suit. Do you think that anyone will miss it? Let's ask... "Hello! Is anybody using this suit?" No answer. It must be free then! Well, you might as well make off with it when nobody's looking then!

## VERDICT

- ◆ Carries on in the same devious tradition as the original game.
- ◆ Tests even the most adept *Damocles* players.
- ◆ Includes full briefings and solutions for the faint-hearted.
- ◆ Provides a wicked new challenge for those who are becoming tired of the same old scenarios.
- ◆ What, only a tenner? Cor! Strewth!





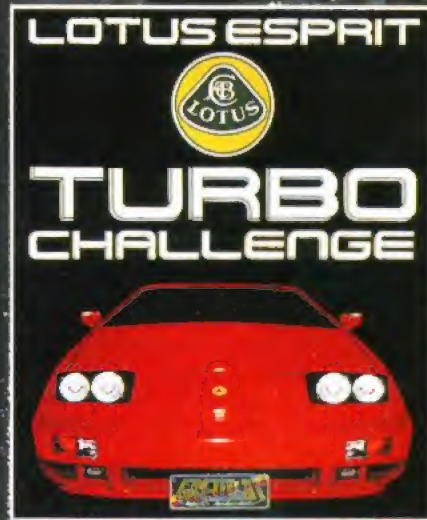
# ONLY GREMLIN CAN DO THIS

LOTUS 94% C & VG, 94% Raze Rave, 90% ST Action Award, 90% Zero Hero, 88% Amiga Action Award.  
 TOYOTA C & VG Hit, Amiga Action Award, ST Action Award, More To Follow.  
 TEAM SUZUKI .... Prepare To Be Amazed ....



"LOTUS ESPRIT TURBO CHALLENGE demands immediate purchase" C & VG 94%.

APPROVED AND LICENCED PRODUCT OF GROUP LOTUS PLC



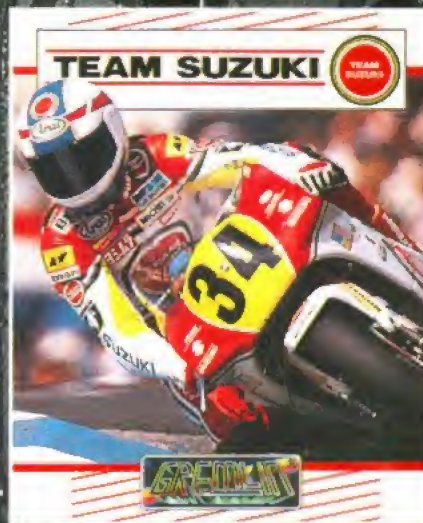
ENDORSED BY TOYOTA (GB) LTD.



"TOYOTA really is an excellent game... very playable" ST ACTION.



"3 D speed fraly impressive ... superb fast polygon graphics ... Realistic Races" ACE Jim Douglas.

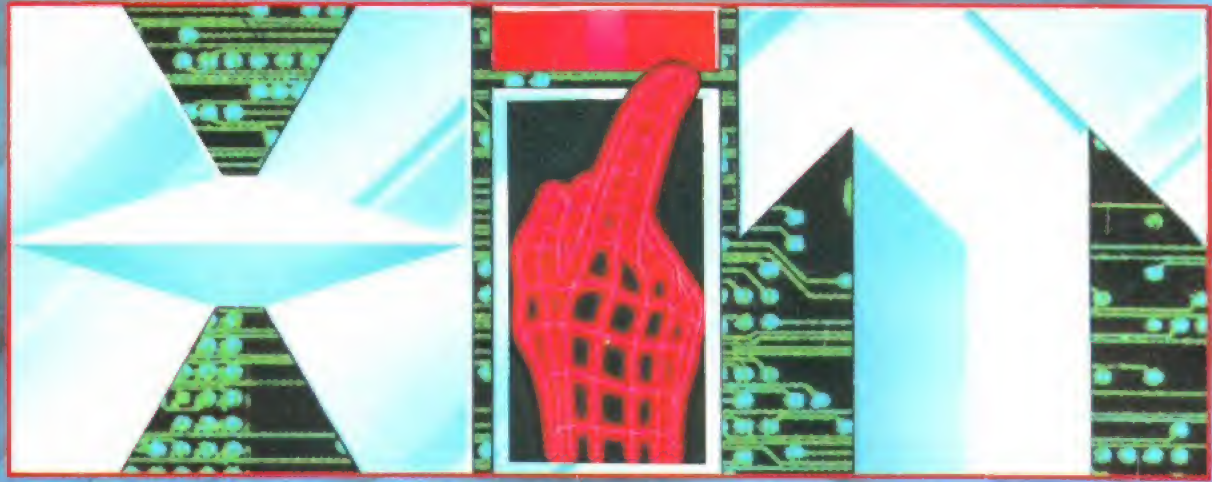


ENDORSED BY SUZUKI GRAND PRIX TEAM.



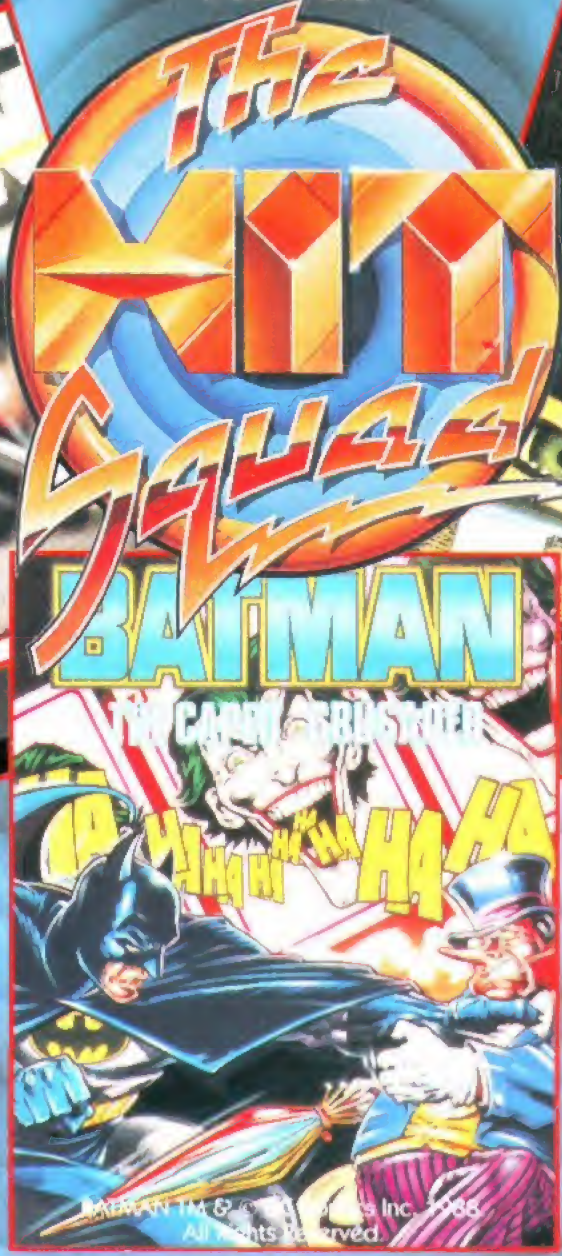


# THE BUTTON HAS BEEN



## TO LAUNCH A BRAND NEW RANGE OF **16 BIT TITLES**

FROM



**ONLY £7.99**  
**HIGH QUALITY**  
**ACTION FOR YOUR**  
**AMIGA**

**ONLY £7.99**  
**CHART TOPPING**  
**GAMES FOR YOUR**  
**ATARI**

**HIT NAMES • HIT GAMES • HIT SQUAD**

THE HIT SQUAD • P.O. BOX 350 • MANCHESTER M60 2LX



## 'ULLO JOHN, GOT A NEW MOTOR?

The terrains require the use of three different vehicles, each of which have advantages for particular tracks:



**FORMULA ONE** - has high fuel consumption, but races extremely well on road surfaces.



**SPORTS CAR** - has the advantage of low fuel consumption and the ability to adapt fairly well to street and off-road circuits.



**TURBO BUGGY** - not as fuel efficient as the Sports Car, but races brilliantly over cross-country.

**A** no-holds-barred race to the death, where all rammed spectators mean is extra points.

Where have we heard that before? Well anyone who remembers the classic racer film *Death Race 2000* will recognise it as the basic plot of the movie. However, that's where the connection between the film and *Psygnosis'* game ends. *Nitro* is an overhead-view, three-player driving game in a similar mould as *Super Sprint* and Sega's *Hot Rod*.

### Let 'er Rip!

The championship contest is set over 30 races, starting in the city streets, then moving on to forest, desert and finally post-holocaust disaster scenes.

The game features some rather nice, colourful little sprites scooting over some well drawn, smoothly scrolling pieces of scenery. The track is littered with all manner of obstacles, from traffic cones and manhole covers to oil slicks and piles of rubble. You have to choose the appropriate vehicle for the terrain and then zoom out and let 'er rip.

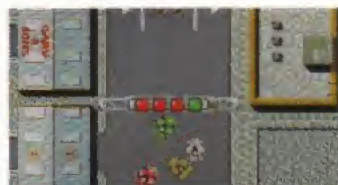
The plan is to smash your way through the pack and get across the line first. Those are all the rules, so smashing, barging and using short cuts are all acceptable!

Even though the idea of *Nitro* is simple, the game is good fun. The usual classy intro you'd expect from *Psygnosis* is still there, but it seems that with *Nitro* they have put the emphasis more heavily on the gameplay.

Playing against the computer drivers is tough enough, but the game really comes into its own when you race against human opponents - then you'll learn just what kind of people your friends really are! **Maff Evans**

# NITRO

Psygnosis £24.99 ■ Joystick



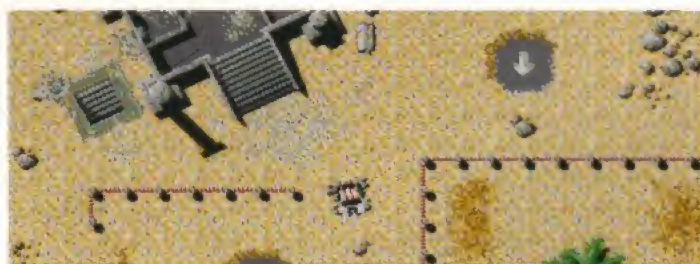
Commotion on the starting grid as all four cars try and make a flying start on the city section. Looks like green has the edge.



Watch the other cars and follow the cat's-eyes or you could find yourself stuck in a dead-end street in the dark (sob).



The grey car seems to be having a spot of trouble on the cross-country section. Who didn't pick the right car, then?



Passing some ancient architecture in the desert...just around the corner from the air-force base! Still, there's no time to take in the dusty scenery, the other cars are catching up fast - so move it!

## VERDICT

- ◆ Graphics are colourful and well drawn and help portray the racy action.
- ◆ Enjoyable and competitive gameplay, especially with three human players.
- ◆ An addictive and playable translation of a tried and tested theme.
- ◆ The best race game of its type - even better than official coin-op conversions.

## IN THE SHOP

**GAS:** tops up that flagging fuel supply.

**BETTER ENGINE:** allows you to reach a higher top speed.

**NITRO BOOST:** gives an extra burst of speed.

**TURBO:** gives quicker acceleration.

**REPAIR:** Fixes your damaged car.

**TRACTION:** better grip on corners.

**CHANGE CAR:** allows you to select the optimum vehicle for the circuit.





The long arm of the law is part of a steel framed exosuit. The bobby on the beat is encased in an armoured shell, with a rapid-firing machine-gun bolted on. The softly-softly approach is a thing of the past; you shoot first and don't bother with the asking questions bit.

Eswat is set firmly in the future, though how near in the future is anyone's guess. The transition from cop to the Eswat squad is not easy though. You have to fight your way through the ranks, adding stripes to your arm as you go. Only the cream of the crop are picked for these special duties.

Three notorious bad guys need to be given a stretch in the slammer – and you, ambitious to move through the ranks as quickly as possible, are determined to put them there. If you manage to bag



Two players can become partners and participate in some real delinquent destroying. Before making it to the rank of Eswat you have to prove yourself. This means going out on the streets, and cleaning them up. You have to be dedicated in this line of work.

# ESWAT

US GOLD £24.99 ■ Joystick

these bad guys (taking out half the city's less desirable citizens on the way) then you're transformed into the tin-foil terror.

## Eswatting Up

The game does seem rather easy. Maybe it's all the power-ups you're given, but even on your first ever go the levels seem to fly by and, consequently, making it to Eswat stage is not really a problem. When you do reach those dizzy heights, the game changes little. You still have the same moves, and are still just as vulnerable to attack – even in your shiny metal suit. It's just the graphics that have changed, not the gameplay.

Both the before and after sections have cases of extra ammunition scattered around. These come in very handy, as bullets are scarce, especially in Eswat mode – your rapid-firing machine-gun really spews lead. They're often placed on ledges though. To get onto the ledges you need to perform a jump-and-grab manoeuvre. This feat is particularly difficult as it involves pushing either left or right with up and fire simultaneously. If you mistime one of the moves by even a split second, and you will end up doing something else instead.

## Not Much Cop

Sprites are large, but not brilliantly animated. The two cops show up well against the backgrounds, and there's no danger of confusing

which one's which – player one is blue, two is red.

Not an awful lot happens during the game. Lots of people get shot, the big baddie is confronted,

and then the whole scenario is repeated. Eswat is a fine arcade conversion. The question that needs to be asked is: was the arcade machine much cop in the first place? **Adam Waring**



At the end of the early (pre-Eswat status) levels you have to face a real mean mother, and put him behind bars. These guys need to be shot several times before they eventually keel over. They're armed with extra special weapons too, such as flame-breath, a boomerang, and an anchor.



Once you've earned those precious Eswat stripes you'd think that things would be hunky-dory, what with that nice thick coating of armour to protect you. How wrong! Your machine-gun just seems to waste bullets, and you find yourself out of ammo and defenceless.

## VERDICT

- ◆ Sprites are large, but a bit jerky.
- ◆ The levels are a bit too easy to get through.
- ◆ The promotion to Eswat status changes little gameplay wise.
- ◆ The occasional digitised speech sample livens up an otherwise dull sounding game.
- ◆ There's very little variety – all levels are the same.

59%



INTRODUCING THE  
EXCITING NEW

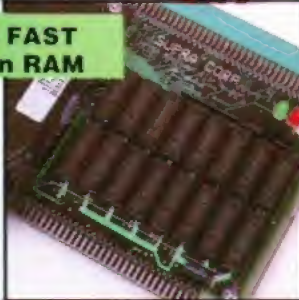
# SupraDrive™ 500XP

## Fast, Micro-Power Drive Mechanisms



- **Micro-Power Drives**  
No fans or external power required, extra rugged
- **Autobooting SCSI Interface**  
A2000 performance with no DMA problems
- **Optional Dedicated External Power**

## 1/2 - 8MB FAST Expansion RAM



- **1/2, 1, or 2MB RAM**  
On-Board with 256K x 4 DRAM
- **2, 4, or 8MB RAM**  
with Add-On RAM Board using 1MB x 4 DRAM

## SCSI Port & Game Switch



- **Amiga Bus Pass-Through**
- **External SCSI port**  
allows up to 7 SCSI devices
- **Game Switch**  
lets you turn drive off and leave RAM enabled

## Easy-to-Access Option Switches



- **Autoboot ON-OFF Switch**
- **SCSI ID Selector**
- **RAM Test Mode**



## THE ULTIMATE AMIGA® 500 PERIPHERAL!

With a SupraDrive 500XP™, your computing life will change forever.

You'll be able to use software that your computer simply couldn't run before, including paint, digitizing, and animation programs that need more RAM. You'll spend more time using your computer and less time waiting for it to transfer files and load programs, because the SupraDrive 500XP transfers data up to 40 times faster than floppy disk drives.

You can easily add up to 8MB RAM, additional Amiga bus peripherals (like digitizers), or SCSI peripherals (like removable media, tape backups, or add-on hard drives). And if you need help, you can count on Supra's knowledgeable, friendly technical support staff and one year warranty.

Available at your local stockist, or call:

 **Supra Corporation**

**0101-503-967-9075**





It's 'Toon time. Arnie the friendly buggy from cartoonland has to bring back the laughs to cartoons. This means he has to defeat the evil Grim and rescue all of his cartoon friends. This haunted level is the second set of platform worlds, and is based on a Gothic theme. His task is to clear all the green moss from the platforms, while steering clear of the witches, ghouls and ghosts. He has to also beat the clock.

# CAR-VUP

Core Design ■ £24.99 Joystick

Cartoons are wonderful things – they make us laugh and keep a lot of people happy. So what happens when someone makes them bad and unhappy? Cartoon heroes like Arnie the car have to go and make them good again, that's what.

This cute little platform game is based well in the cartoon mould, with some colourful sprites and backgrounds to portray the action. You take control of the cutely drawn little hero in his quest to save Cartoon World and defeat the

evil Captain Grim. In order to turn the land into an evil place, Grim has sabotaged various pieces of cartoon scenery, from the building sites to the land of toys. You must visit all the locations driving over all the platforms to turn the place back to normal.

## Stunt Car Jumper

Arnie's good intentions hit a snag however, because his brakes don't work, which means that once he starts moving, he can't stop! He can jump though, enabling him to

pass from platform to platform, happily returning them to their natural state.

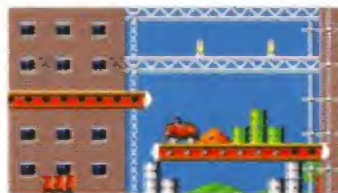
If Arnie restores all the platforms in a sector, then he can break through and rescue one of his cartoon friends – accompanied by a rather crap gag!

This would be easy to achieve, except that Grim is still watching the little hero, and throws in the odd baddy to try and stomp on him. Also, if Arnie takes too long over a particular location, then the Turbo Demon will appear and chase him to his death. Unfortunately, the friendly helicopter can't go and pick him up until he's completed his task in the area. Oh dear!

Things are made easier by the occasional bonus item that Arnie can pick up to help him on his way. These include weapons that can be used by the hands that drive Arnie around, ranging from front-firing guns and smart bombs to magical tokens which can freeze all the enemies on the level for a while. Sometimes letters will float down the screen which, when they are all collected, give Arnie an extra life or score bonus.



Arnie, the cartoon car, visits Toy land. It may look a fun world but it can get pretty scary when the clock starts its count down.



Level one and it's open road all the way. Here Arnie must replace all the rivets in all the girders to finish the level.

## To The Boing-Mobile!

Although it sounds simple, Car-Vup's gameplay is rather good fun. Despite its simplicity, the game is quite tough and it'll be quite a while before Arnie can beat all the levels to finally confront the evil Captain Grim. It's great fun ploughing through the levels though, since each sector is portrayed by incredibly individual graphics, ranging from the lovely pastoral garden scenes to the colourful Rubik's Cube and Stickle-Brick backgrounds of Toy Land.

Cartoons are great, and Car-Vup captures the feel of them superbly. Forget the paint and cel-luloid for five minutes and get into 'Toon fun with Arnie and his cute friends! **Maff Evans**



## VERDICT

- ◆ Simple but addictive gameplay is great fun to get into.
- ◆ Cute and colourful graphics capture the feel of cartoons perfectly.
- ◆ Easy to get into, but quite difficult to beat.
- ◆ Meep! Meep! Brrrrrr! What a laugh!



## TOON TOOLS



**EJECTOR SEAT** – kills nasties above Arnie.



**SPARE TYRES** – destroys nasties behind Arnie.



**OIL-CAN** – squirts a slick out behind Arnie causing baddies to skid.



**GUN** – fires a shot forwards killing Arnie's enemies.



**BIG FENDA** – Allows Arnie to bump into baddies without dying.



**MORTAR** – Fires a shell in an arc killing whatever it hits.



**DEPTH CHARGE** – Destroys enemies on the platform below.



**BACKFIRE** – Fires smoke screen behind Arnie and confuses any enemies following him.



**BONUS LETTERS** – Give Arnie a massive bonus.



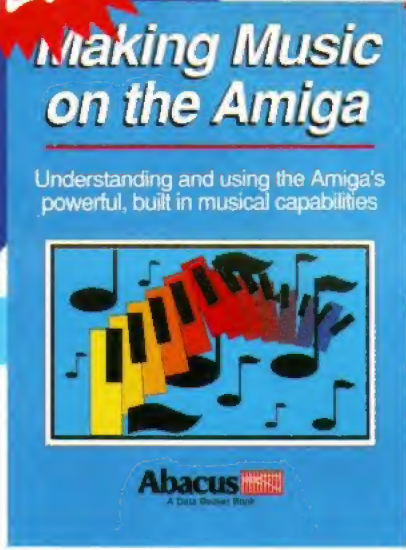
**EXTRA LETTERS** – Give Arnie an extra life.



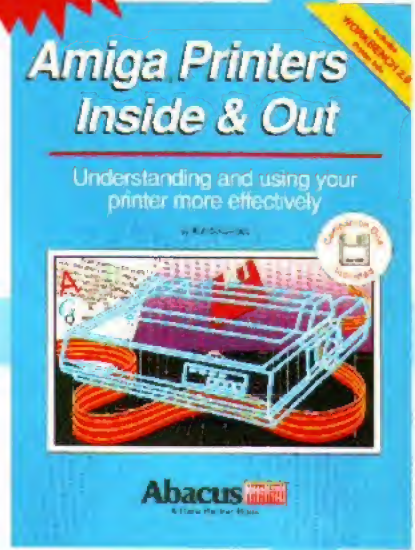
# New Titles for Amiga

**NEW!**

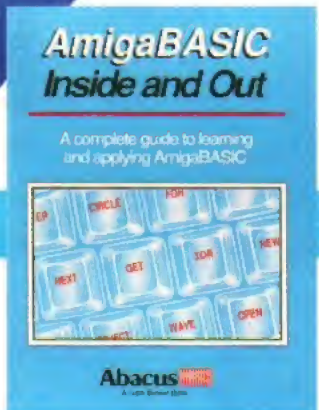
**NEW!**



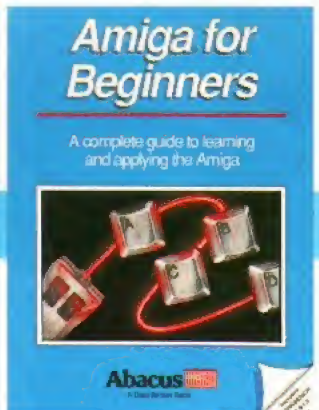
**Making Music on the Amiga** – Shows the Amiga user how to take advantage of the musical capabilities and making your own MIDI interface. Includes disk with music and utilities.



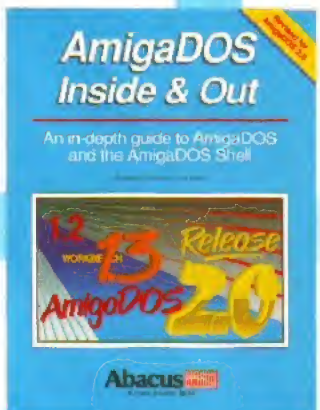
**Amiga Printers: Inside & Out** – Learn AmigaDOS commands for simple printer control, printing tips and tricks from the experts. Includes diskette with essential printer utilities.



**AmigaBASIC – Inside & Out** – is THE definitive step-by-step guide to programming the Amiga in BASIC. Each BASIC command is fully described and detailed. Some of the topics covered include files and file handling, using pull-down menus, sensing the mouse, handling windows, drawing charts and using the speech commands. Techniques for advanced BASIC programmers. 554pp

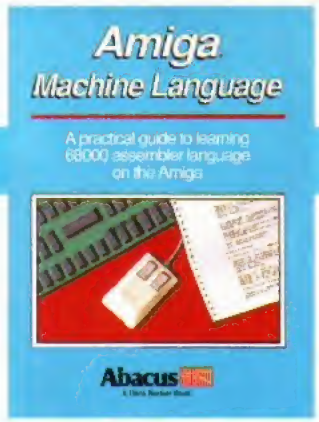


**Amiga for Beginners** – learn the essentials of the Amiga easily and quickly from opening the box to your first application. 182 pp

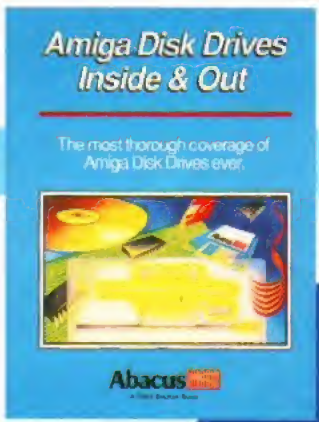


**AmigaDOS – Inside & Out** – covers AmigaDOS in depth so that you can use many of its advanced capabilities for practical applications. Includes a complete reference section detailing all of the DOS commands, information on using the DOS editors – ED and EDIT, creating and using script files and taking advantage of the Amiga's multitasking features. 280pp

**Amiga Machine Language** – is a thorough introduction to 68000 assembler programming and is a practical guide for learning to program the Amiga in ultra-fast machine language. Covers 68000 microprocessor architecture and addressing modes, making speech and sound from machine language and more. This book is also a perfect companion to our AssemPro machine language development software. 264pp



**Amiga Disk Drives – Inside & Out** – a practical guide to disk drive operations. Information about data security, disk drive speedup routines, disk copy protection, boot blocks and technical aspects. 360pp



**Abacus** 

U.K. DISTRIBUTOR: COMPUTER BOOKSHOP LTD.  
30 LINCOLN RD, OLTON, BIRMINGHAM B27 6PA

CALL 021 706 1188 FOR YOUR NEAREST STOCKIST

**AVAILABLE NOW**  
AT GOOD BOOKSHOPS  
& COMPUTER STORES  
EVERYWHERE



# 1/2 Meg Expansion £32



CORTEX 1/2 Meg card Features:  
Plug-in upgrade takes A500 to 1Mb  
Optional battery-backed clock/calendar  
Enable/disable switch.  
Super low-power 4-chip design.  
Fast-mem/Chip Mem compatible  
3 year guarantee.

£32



**CORTEX**

Send cheques to: Dept AF  
Memory Expansion Systems Ltd.  
Britannia Buildings, 46 Fenwick Street,  
Liverpool L2 7NB  
**(051) 236 0480**



(051) 236 0480 • 24 Hour Sales  
(051) 227 2482 • 24 Hour Fax



# HORROR ZOMBIES FROM THE CRYPT

MILLENNIUM £24.99 ■ Joystick

Spooks, spirits, zombies, ghosts, ghouls, demons, devils, mummies, zombies, vampire lords, zombies, hags and horrible things that live in the crypt are all about tonight! They are creeping, crawling and cavorting around the castle of Count Valdemar, over six spookily scarifying levels.

In an arcade adventure scare-em-up the Count (you) must collect magic skulls, so that the spooks can be buried with dignity along with the rest of their bodies. Special tiptoe boots, daggers (large or small sir?), keys, zombie disguise potions and jewels are available to help Vald' clear his ancestral home of things that go bump in the night, day and anytime inbetween. The game revolves around surviving a maze of horizontally-viewed rooms and passages, filled with nasties that leap out and bite the Count in the head.

## Day Of The Dead

The scene is set with a cinema intro sequence, the curtains draw back and the credits flick up on screen. A hand pushes up a grave; the dead are rising! This sets the scene for the shock-horror style of the game. Each enemy is a pastiche of a familiar B-Movie friend. Zombies slide forward with one leg broken and heads lolling on shat-



Vald' works his way to the roof and the end of level two. He wants to raise a flag to alert the nearby village, but first he must kill the mad hag with a rock hurling fetish. This will involve some neat jumping, expert timing and a great deal of luck if he is to escape the horror.



Attack of the killer clowns! The Pennywise clone has his eye on killing Count Vald'. Using the tiptoe boots - hence the silly walk - he may be able to slip past the circus slayer without triggering any overt nastiness. This may not work, but as ever there's only one way to find out!

tered necks. Frankenstein monsters stagger forward, their square shoulders swinging from side to side. Dracula-esque vampire's swoop down from the ceiling tuxedos and capes at the ready.

To back up the strong graphics, authentic corny sounds echo throughout the haunted house. Trap doors creak the way only trap doors can and screams shatter the silence. The effects are either

amusing by their sickening aptness or just purposefully duff.

## Zombie Flesh Eaters

The quality of the animation and sound is just as well, because, *Zombies* is tough. When it's not being tough it's dull. The platform nature of the game and its relatively slow pace means the whole impetus for play lies in the effects.

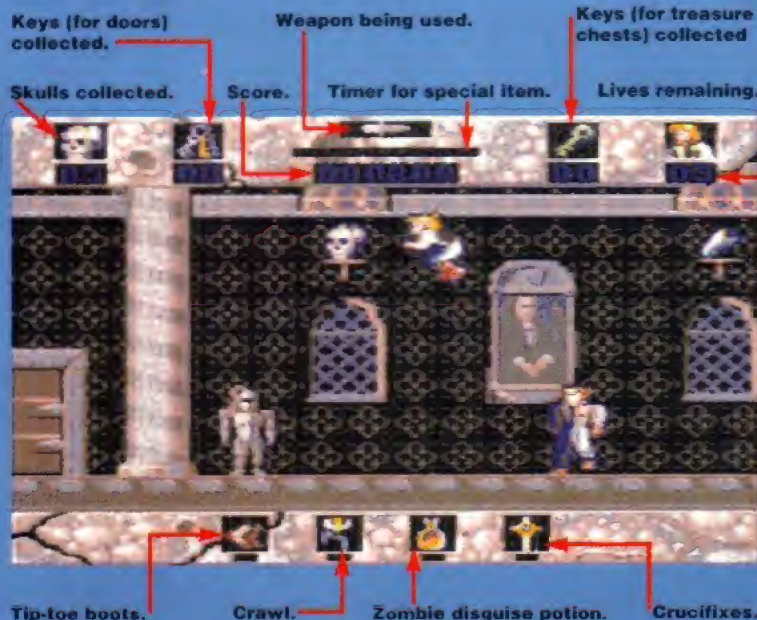
These are amusing, especially the death scenes which feature a gloriously graphic exploding head, but there are under 20 foes and once you've met them all there is little reason to continue. The puzzles too, tend to be repeats of ideas touched upon earlier in the game, just compounded for greater difficulty and so become irritating and not a fresh challenge.

To call *Zombies* a spoof game sounds insulting, but it should be viewed as a compliment. They have captured the B-movie feel, but this theme alone cannot support a game. It makes you laugh, for a while, it puzzles for a time, but in the long run it is not fascinating enough to merit long term play.

*Zombies* falls short of the standards of puzzle-play set by Millennium in their last release *James Pond*, although it has equal, if not greater, graphic humour.

Trenton Webb

## COUNT YORE BLESSINGS



## VERDICT

- ◆ Good idea, supported with strong graphics.
- ◆ Amusing and apt sound effects.
- ◆ Repetitive puzzles and monsters on the later levels.
- ◆ Fun idea that can't take the strain of supporting a standard platform romp.





SHOCKING STUFF!



Flying along on Level Six and the STUN Runner encounters a strange hoop thingy! This is a 'Shockwave', a weapon more powerful than the sled's guns and it destroys everything even the indestructible drones. These are sometimes awarded for the collection of stars or more commonly by bagging them as you race. When fired the white wire ring goes all the way down the tube killing everything in its path. Shockwaves are launched by quickly pressing the joystick forward and then backwards.

# S.T.U.N. RUNNER

DOMARK £24.99 ■ Joystick

Spread Tunnel Underground Network Runners are a new kind of hero, or so those Tengen coin-op people would have us believe. Boy racers of the future, they hurtle along in high-speed bobsleds through specially created tunnels crammed with everything from tube trains to aggro droids. As a STUN Runner you face 24 challenging levels of twists and turns, ramps and runs.

That's the story, the fact was that *STUN Runner* came and conquered the arcades a few months back. It was a high-speed challenge that warped minds as boost pads hurled Runners forward at scale speeds of over 900 mph.

The game is simple. You control a motorless craft that skates down a tube. By riding the outside of tunnel walls momentum builds up allowing the STUN sled to reach the end of a section within the time limit. Point scoring stars and high-speed boost pads line the walls of the tunnel and they become increasingly difficult to reach as the game progresses. To gain variety

challenges are set on levels that lead to bonus runs. These can be to collect a number of bonus stars, destroying as many drone ships as possible, or giving the Runner a choice of different routes.

### Tube Hogs

Along the STUN Running road you'll find wire-frame sections that drag you to a stop and outdoor runs that constrict you in order to test your steering skills. The guns on the front of the sled allow Runners to blast tube hogs out of the way as well as score points.

That's the theory: a high-speed ramp run in a tube. The practice however is somewhat different. They are not so much STUN Runners as STUN Joggers, as the game lacks blinding speed. It's tolerably quick, but lacks the terrifying edge of the arcade, even on boost. Without this uncontrollable pace *STUN* is little more than a futuristic bobsled run.

The graphics suffer in translation too, the sled for example doesn't take any damage; a feature



Having hit a boost pad - a pink rectangle - the sled goes real fast and wire-frame like. It's the only time the sled's fast enough to go over the top of the tube.



Will he make it? A STUN sled approaches the end of a section, with only two seconds on the clock. Sometimes momentum carries you over, sometimes not!

which seriously hampered your chances in the arcade version. The pick-ups are vague and this hinders the game. The only way to recover time is by collecting boost pads, but if you stray from the racing line to get them and they don't register, the lost seconds prove critical and extremely annoying.

### Shadow of The Beast?

Other factors have been faithfully replicated from the arcade, with varying degrees of success. The sound effects, while tedious, (one 'bing' for each and every star of the 134 on the first stage) are true to the coin-op.

The maps that are used to introduce your next level are indistinct enough to be useless, but this doesn't hamper gameplay because most routes lead towards the finishing post anyway, but if a feature is there it should serve a purpose.

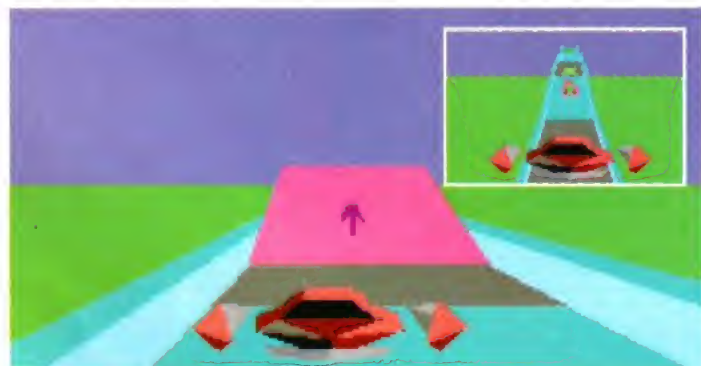
*STUN Runner's* a shadow of its coin-op self. It's pleasant enough, with fun touches, yet these simply tempt thoughts of what might have been. As a playable game it works well but to use the obvious pun, it is never stunning even when run-

ning at full tilt. As a conversion it doesn't come close to emulating the arcade version that churned the stomach and dazzled the eyes.

Trenton Webb

## VERDICT

- ◆ Jerky update hinders the illusion of speed.
- ◆ Good samples and fun futuristic theme.
- ◆ Iffy detection for bonus collection.
- ◆ Not fast enough to thrill, even on full boost.
- ◆ Lacks the killer charisma of the coin-op.



Here's one of the open-air sections where you are about to take a jump. Remember that you can steer whilst in the air, so on this narrower course staying put might be advisable.

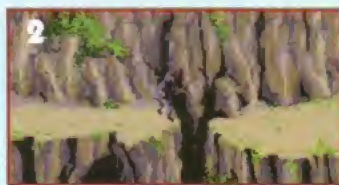


# THE SIX REGIONS OF LIN FEN ISLAND

This island is the stronghold of Shogun Kunitoki. The Ninja must visit all six in sequence to clear his family name. The locations must be visited in order, as there are items to collect on the early levels that are vital later in the game.



**1** The wastelands (level one) - here the Last Ninja begins his quest. First he must find and collect a weapon as well as other useful goodies. The most useful is a bag. Here the Ninja has a quick prayer at the foot of a Buddha.



**2** The wilderness (level two) - Craggs and cliffs are everywhere. Somehow the Ninja must learn how to climb, as well as timing his jumps to avoid the fatal crags that fill the level.



**3** The palace gardens (level three) - Now inside the palace of the Shogun, the Ninja is looking for a way to break into the palace itself. It's pretty dangerous.



**4** The dungeons (level four) - Skeletons, rats and other nasties await. The right route is easy to find, but the way is another matter entirely.



**5** The palace (level five) - Nice carpets, shame about the inhabitants. More guards and fiendish traps, plus a nasty end-of-level all out to top the man in the PJs.



**6** The inner sanctum (level six) - get this far and you are on your own!

# NINJA *Remix*

SYSTEMS £24.99 ■ Joystick

Ninjas are a secret British obsession. Every video shop has at least one shelf filled with duff films of the black pyjama brigade's antics. Computer leisure too, has had its fill of shuriken throwers. One of the first, and some would argue one of the best, was *Last Ninja* from System 3 on the C64.

*Last Ninja II* however, was dreadful and scored a surprisingly high 58% in AF14. This technically was System 3's first ninjutsu outing on the 16 bits. Now they have

remastered the moves, changed the plot and revamped the graphics and proudly present to you ... *Ninja Remix*.

## Mature Normal Ninja Human

Taking control of a small ninja in an isometric 3D world, your hero ninja moves at exactly 45 degrees off from the joystick, an initially confusing necessity of the game. You have to walk and jump the ninja around six different landscapes collecting kit and beating people up.

The ninja is almost, but not quite, totally joystick controlled. Moving is a matter of stick rotation, rolling the ninj' to face the right direction and then pushing to send him on the way. Fighting and collecting is done with the aid of the fire button. Keystrokes are used to change weapons and objects held.

## No More Deadly Hedges

The Ninja is vulnerable, but hard. He has a life meter that is surprisingly generous and takes multiple hits before croaking. Ostensibly, the plot involves jumping over rivers, noticing small but essential objects that lie in the hedgerow and not being killed by the thousands of ninja hunters.

The graphics are massively improved from *Ninja II*. They work this time! Picking up objects no longer requires pixel-perfect positioning, virtual perfection will now suffice. The isometric environment

is more friendly, no more getting killed by 2D rivers in a 3D world. Fighting has been improved, giving your armed ninj' three battle moves which vary in effect depending on which weapon he holds.

The map is large and the right route must be learnt if you're not in to banging your head against a cartographic brick wall.

Yet *Ninja Remix* is still only an isometric 3D adventure. It is a long hard challenge and not a trial of speed. Fighting is best avoided because the small sprites make it very hard to see what's going on. It's good, but not stunning.

Trenton Webb

## VERDICT

- ◆ Big arcade adventure with a variety of dexterity challenges.
- ◆ Monumental improvement over *Last Ninja II*, effectively *Last Ninja*.
- ◆ Isometric control system takes concentration to implement well.
- ◆ Occasional map glitches cause irritation.
- ◆ Save game facility makes the later levels beatable.



**NINJUTSU - the way of the joystick!**

**ENEMY** - Enemy's life meter. Nice and small.

**WOUNDS** - Wound indicator.

**USING** - Weapon in current use. Use space bar to change.

**HOLDING** - Object currently held. Use 'H' key to change.

**POWER** - The ninja's life meter. There's more energy here than meets the eye.

**WEAPONRY** - Weapons available for use.

**NINJA** - Nice flashy, strobeby, sort of a symbol



**M**ontana takes a bad snap, play fakes to Craig and then throws a long bomb to Rice. Rice rounds two defenders, breaks a tackle and he's in for the flonkpott. It's just these kind of moves that have made MUDS the only sport real men (or in fact any creature that can run, tackle and fight) play in the land of Ghold.

You take on the role of coach to a squad of fresh-faced MUDSmen. Under your guidance they aim to win the ultimate MUDS prize: the Great Cup. You control everything from the plays on the pitch through to buying new players and bribing referees.

**League Violence**

MUDS is a bit like Rugby League, but more violent. It's played on a pitch 320 gholdfoot wide and 576 long that's divided into seven distinct areas. At each end is a score zone, where a radius plott is found. In front of the plott is a deep moat filled with water and a very hungry shark. The main playing area consists of an attack and defence zone separated by no-mans land.

Teams must move the flonk up the pitch by passing and running. When in the attack zone they can either try to throw the flonk into the plott or leap the moat and try and place it in. Both methods score you a floppt; a throw counts for one point, the slamdunk earning two. The team with the most points wins the game. Alternatively, busting up the other team so badly that they can no longer field five players also wins you the match by default.

**Follow The Flonk**

The game can be controlled in two ways. Firstly you can take charge of a single player and let the rest of your boys work to a predetermined strategie, or flick to the player nearest the flonk. Passing and tackling is via the fire button.

Secondly, a management section has been tacked onto this 'future sport' sim which allows expansion of the game and exploration of the world of Ghold. While on tour you have to keep enough readies rolling in to pay travel taxes, while at home practice has to be undertaken to ensure the squad is ready for the next bout.

The humor in MUDS is enshrined in its graphics and stupid rules. You have to understand the sport to win and learning is fun thanks to the strange and varied species that compose the team. The animations, though small are full of character and help to make the first initial defeats tolerable.

The problem with MUDS is the disk access. In the heat of battle a new load is needed just to switch



It's game on, boys and girls. The funny blue creature passes to the other funny blue creature, who breaks a tackle by the funny white creature. The flonk has been thrown over the moat in a vain attempt to score a floppt. Unfortunately one of the fastest creatures in the team (white) has been fouled. Look at that ostrich, lying there like a big girl, in Rugby they'd...

# MUDS



Rainbow Arts £24.99 ■ Joystick and mouse

to the substitutions/options menu.

This destroys rhythm and breaks up this fantasy sports game into fragmented sections. This is at its worst when saving out successful teams to disk. Apparently to

discourage 'cheating' the coders designed the game to crash after a save, forcing you to load the whole thing - copy protection and all - back in to continue play. Even disk problems cannot disguise the

charm of MUDS, it may be a slow loader, but once in the game it's easy to find yourself wrapped up in the fantasy world, where ostrich creatures are sporting heroes and bribing the ref is considered sporting conduct. **Trenton Webb**



The crowd queue up for the big game, it is the final overlay cartoon before a game. Inset - the lowdown on one of your MUDSmen. It shows how fit, fast and smart he/it/she is. This guy makes a good defender, he's strong and thick, if a tiny bit slow. Place him in the backfield.

**WHAT DID YOU SAY?**

- MUDS** - Short for Mean Ugly Dirty Sport.
- Flonk** - Small pterodactyl used as a ball.
- Plott** - A big bucket used as a goal.
- Flonkpott** - A scoring move where a flonk (qv) is put in the plott (qv).
- Floppt** - Abbrv. of Flonkpott (qv).
- Ghold** - The world where MUDS is played (qv).
- Gholdmunz** - Monetary unit.
- Brue** - beer.
- Gorden** - Where your team is based.
- Gholdfoot** - Universal unit of measurement.
- The Great Cup** - The MUDS equivalent of the FA Cup or Superbowl.
- Dneprodzerzhinsk** - A city in the USSR. Pop. 279 000.

**VERDICT**

- ◆ Amusing graphics and good design make MUDS an exciting sports sim.
- ◆ Management section is novel and humorous. A rarity indeed!
- ◆ Slow disk access and crazy save game procedure irritate.
- ◆ A different fantasy world that's explored with sport and not swords.





# WE'VE GOT THE **POWER!**

FOLD HERE

# AXE

61 Gainsborough Rd  
Finchley, London,  
N12 8AA

**DIRECT LTD**

## THE **POWER** HOUSE

**AXE POWER BUY!!**



SCREEN GEMS

**PLUS**



PHILIPS MK11  
STEREO MONITOR

Plus all leads and connectors! RRP £709.48

**AXE POWER PRICE only £599.99**  
Plug it in and away you go!

**EXTRA MEMORY POWER**

Release the true potential of your Amiga

- Fully tested
- 12 month guarantee
- Compact design - credit card service
- Rechargeable Nicad battery
- Supplied (with clock)
- Low power consumption
- Disabler switch
- NO SOLDERING
- Configures to 1Mb chip RAM when latter Agnus is fitted

**AXE POWER PRICE only £34.50**  
without clock  
or **£39.50** with clock

Plus 10 **GREAT** games: Datastorm, Dungeon Quest, E-Motion, Grand Master Slim, Kid Gloves, Power Play, RVF Honda, Shufflepuck Caffe, Soccer, Tower of Bable.

All with 70% - 90% Review. Total RRP £643.98

**AXE POWER PRICE only £399.00**

**DRIVE POWER**

**CUMANA DISK DRIVE**  
Featuring:

- Latest slimline design
- Quiet  High speed access
- High precision head positioning
- THE BEST

RRP £89.95

**AXE POWER PRICE only £64.95**

**AXE POWER PLUS PACK**

- Screen Gems .....RRP £399.99
- Plus joystick .....RRP £9.99
- Plus dust cover .....RRP £9.99

**AXE ...POWER...PACK**



**SCREEN GEMS**.....RRP £399.00

- Includes: Amiga 500 • 256K ROM • 512K RAM • Internal 3.5" 880K drive • Clock speed 124 MHz • Mouse • TV Modulator • TWO control ports for mouse/joystick or RS232/midi • Parallel Port • All manuals PLUS
- Shadow of the Beast II ..... RRP £24.99
- Night Breed ..... RRP £24.99
- Days of Thunder ..... RRP £19.99
- Back to the Future II ..... RRP £19.99
- PLUS Deluxe Paint II ..... RRP £49.95

**FREE**

**AXE POWER PRICE only £359.99**

**CLASS OF THE 90's FIRST STEPS...RRP £599.99**

*It's First Class!*

- Includes: Amiga 500 • TV Modulator • A501 RAM expansion • Mouse • Mouse Mat • 10 Blank disks • Deluxe Print II • Infofile • Let's Spell at Home • Talking Turtle • Deluxe Paint II • Pro-Write 2.5 • Music Mouse • Amiga logo • BBC Emulator

**AXE POWER PRICE only £519.99**

**CLASS OF THE 90's**

as above, but with the more sophisticated user in mind - please call for details

**AXE POWER PRICE only £519.99**

CHECK OUT THE

**AXE**

**POWER PACK**

## SCOOP! MONITOR POWER

**COMMODORE 1084S**

- 14" RGB & CVBS colour monitor
- 80 characters x 25 lines
- Stereo sound output
- Amiga compatible
- Earphone/headphone socket
- Free leads



RRP £300.00  
**THE COMMODORE MAGIC**  
at the **AXE Scoop!**  
**POWER PRICE of only £249.99**

**PHILIPS 8833 MK11**

- Featuring:
- 14" screen
- 80 column display
- Stereo
- Amiga compatible
- 600 x 285 pixels  Free lead
- RGB A1 TTL comp video & stereo audio inputs
- Retractable front  Twin speakers
- Earphone jack socket  On-site maintenance



RRP £310.48  
**AXE Scoop! POWER PRICE only £245.99**

## PERIPHERAL POWER **AXE POWER PRICE**

Amiga A500 20Mb hard drive, Autoboot sdr 1.3 .....£269.95

**PRINTER POWER**

- Citizen 120D parallel 9pin-80 col, 120cps, DR 25cps NLQ .....£159.85
- Citizen Serial 120D .....£180.41
- Panasonic KXP110 9pin dot matrix, 32cps, NLQ, 2K buffer .....£169.00
- Panasonic KXP1124 24pin dot matrix, 53cps, NLQ, 6K buffer .....£269.00
- Commodore MPS1230, 9pin, 120cps, NLQ .....£139.00

**JOYSTICK POWER**

- Quickshot II Turbo, Microswitch, Autofire, 2 firebuttons, black, red .....£8.99
- Quickjoy Topstar, steel shaft, Microswitch, Autofire, Robust! .....£19.99
- Quickjoy Starfighter 6 Microswitches, Autofire, Speed Control .....£13.99
- Replacement A500 power supply unit .....£38.99

Don't Forget: disks, mice, mousemats, cleaning kits and everything else you want for your Amiga, just call **AXE** -we've got the power to give you the performance.

## REMEMBER: THE **AXE** POWER PRICE INCLUDES V.A.T.

**ORDERING POWER** It's so easy!



24 HOUR SALES **POWER** HOTLINE



**081 446 5950** (5 lines)

**HOW TO ORDER**

- By phone 081 446 5950
- By fax It's fast 081 446 6422
- By post, make cheques, bankers draft, postal orders or building society cheques payable to Axe Direct Ltd. Allow 5 working days for personal cheque clearance



**DELIVERY: UK MAINLAND ONLY.**  
THE **AXE POWER SERVICE**

Next day delivery only £10.00 inc. VAT  
3-5 day only £6.00 unless it's FREE!  
P&P under £100.00 only £2.50  
P&P over £100.00 only £4.00

**SPECIAL WEEKEND DELIVERY WITHIN M25 ONLY £10.00**  
24 hour delivery Mon-Fri

**WE WILL TRY TO MEET OR BEAT ANY PRICES**

**OPENING HOURS:**  
Mon-Fri: 8.30am - 8.00pm  
Saturday: 9.00am - 5.00pm  
Sunday: Call the 24 hour sales hotline

E & O.E. Prices are correct at time of going to press, but subject to change, as we are sometimes let down by suppliers. Call Axe First

**AXE DIRECT LTD PRICE...POWER...PERFORMANCE!**

Name (Mr, Mrs, Ms) .....

Address .....

Postcode .....

Credit card   Please circle Expiry date .....

Card No.

PLEASE SEND ME

PRICE QUANTITY POWER PRICE

Signature .....

Carriage

Total Power Price



# Amiga Repairs

If something is wrong with your Amiga 500 or C64, who better to turn to than the Commodore National Repair Centre.

For all repairs to your computer, one low payment covers diagnosis, repair (including parts and labour) and delivery back to you.

And, as a special bonus, you can receive a free piece of software if you contact us before January 31st 1991.

The experience and expertise of our technicians ensures that your computer is repaired to a high standard at a low cost. And each repair will be carried out within 12 working days!

To schedule a repair and claim your free software, simply call Michelle or Matthew on 0733 391234.

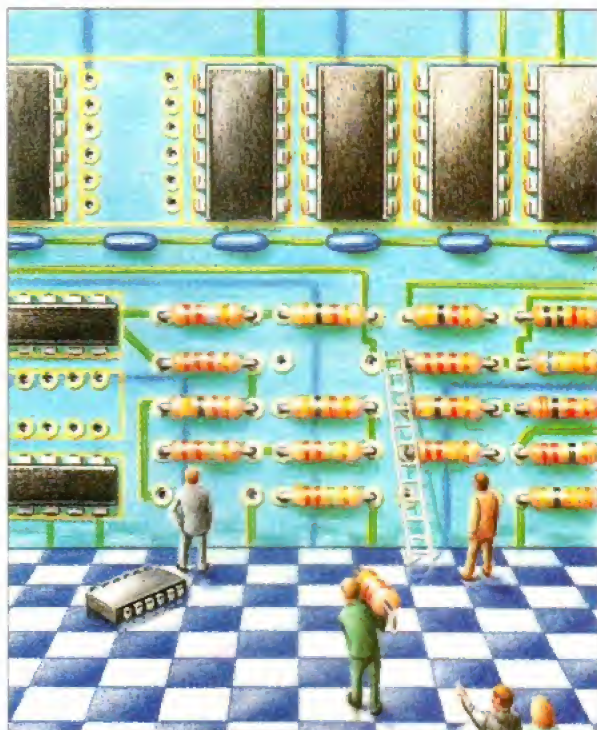
Please be ready to give your name, address, computer type, serial number and the type of fault.

The cost is £49.95 for an Amiga 500 and £39.95 for a C64. Payment can be made by cheque, postal order or credit card.

And remember, if you call before January 31st, you can claim a FREE piece of software.

**0 7 3 3 3 9 1 2 3 4**

FMG House  
Newcombe Way, Orton Southgate  
Peterborough PE2 0SF



AMIGA REPAIRS



**FREE  
SOFTWARE**

**£49.95  
COVERS  
ANY  
REPAIRS**



**E**co Phantoms could be called the world's first zeppelin simulator. On return to earth, after a long space voyage, the planet is found in the hands of a strange race of mineral pirates who are bleeding the earth dry. Having stolen one of their ships you must try and stop them and ultimately reverse the process.

The game is almost a flight sim, nearly an adventure game but most definitely a test of management skills. But effectively it's all three, as you pilot the Eco zeppelin around the gullies left by the Eco Phantom's mining. As well as the flying and fighting, there are a number of tasks that must be completed in conjunction with different parts of the ship. This will keep it running and enable you to fulfil your vengeful cause. The game is initially off-putting because



This is where the main game is played. The zeppelin is controlled by mouse cursor, while the six sub-bays (robot bay, laser cannon, virus laboratory, passenger hold, collector) are accessed by clicking on the icons found to the left and right of the main panel. You must guide the ship around gullies which are the result of the Phantoms land rape. You will encounter other zeppelins, who think you are one of them, so the code computer - found in the overhead panel - must be used to talk them out of a gunfight.

# ECO PHANTOMS

**ELECTRONIC ZOO £24.99 ■ Mouse**



Flying a giant Eco zeppelin you have to penetrate and destroy three of the Phantoms' bases. These are situated in Africa, the Pacific Ocean and the North Pole. Once these have been totalled then you may proceed to attack the Planet Drainer, where you have to destroy their main computer.



You can keep rescued humans in the passenger hold as well as a stock of supplies. The people have to be continuously fed and watered, so you have to keep slipping back to this screen to give them a snack. They also provide a work force for the various rooms of the ship.



The engine room: the vital source of all your zeppelin's power. If this ain't working nothing will. You have to keep it oiled, fuelled and fully serviced. In the centre of the panel is a display that shows what condition the various components are in.

it is so alien. You've taken over another species ship so all the controls are suited to them and not humans. So the manual must be read, and tentative forays made into the gullies of Africa (the first of the three locations you attack) before you start playing properly.

The whole game is matter of mapping your trail through the ruins of the planet, while swapping back to the various control panels

and rooms within the ship to either raid for supplies or fix malfunctions. This means the game is never fast, but it is intense.

If there are no ships whizzing all over the screen to dazzle the eyes then there has to be compensation. Here it is the depth and weirdness of the whole game. The ship is truly alien, and instead of the standard black and silver of starships, browns and greens are

the norm'. This gives the whole affair a Jules Verne flavour which is welcome change.

*Eco Phantoms* will not appeal to all games players, only grabbing those with a dedicated, strategic mind. Shoot out specialists will hate it. There is shooting action with the robots and in the gullies, but that is not its main appeal, that is down to planning, mapping and thoroughness. **Trenton Webb**

The total disregard that the Eco Phantoms have for the world which they pillage has led to a strange virus mutation. It attacks metal and your ship will eventually become infected. So you will need to monitor the ships for signs of corrosion and use the lab to try and find a cure. Viruses must be stopped quickly so as not to hinder the ship's functions.

You interface with the world of the Eco Phantoms via the robots aboard your ship. There are four types all with differing strengths. Armed with shields and lasers they are sent on a mission once you enter an installation. This is a raid to obtain computer access codes and plant explosives. It is also a source of supplies vital to the zeppelin's smooth running.



## VERDICT

- ◆ A hardcore thinkers game - with a 'right on' green theme.
- ◆ Wonderfully different graphics, and a curiously odd plot.
- ◆ Many genres compressed together make for complex gameplay.
- ◆ 'Alien' controls take a lot of understanding,
- ◆ Fiddly to control, but worth the effort.

**84%**



When the Chinese weren't inventing gunpowder, poetry, wall building and outrageous punishments for minor misdemeanours they were inventing games. Not cricket, or nine-man's-morris, no they came up with *Ishido*: The Way of the Stones.

It's a puzzle game involving 72 coloured stones being placed on an 10 x 6 squared board. Additional rows and columns don't help you score points, they merely provide a border useful for strategic moves. The scoring part of the board is "The Within", while the non-scoring section is known as "The Beyond". You also get bonus points for using all of your stones.

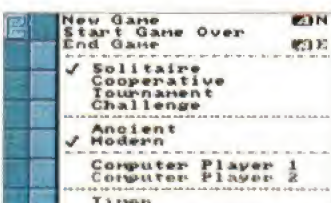
It's not as simple as whacking stones down willy-nilly. You have to place one stone next to another, diagonals do not count. You also have to match patterns and colours so stones correspond on at least one of these aspects. There are thousands of ways of doing this but only a few ways of scoring big points.

**A Lying Priestly Scores**

Getting a stone onto The Within will score one point. Getting a two-sided match gives you two points, a three-sider earns you four, and the magic four-way makes eight points. Scoring a four-way opens the route to loads of points. The second four'er makes 25 points and this works up to a twelfth which earns an astronomical 50,000 points. Anyone who managed 124-ways is either lying or is a 15,000 year old Chinese priest.

There are several ways to play. In hermit-like solitaire, you play a board on your own. In a tournament, a number of pals take turns to play a board each, trying to get the highest score. The third option is a two-player challenge, in which you and a friend (or the computer) take turns to make moves on the same board. Finally, there is a cooperative mode where you and friends gang up on the machine.

Three elements allow *Ishido* to lift its digital head above the board game: firstly, you can create stone-sets using the onboard editing facility. This is a challenge in itself and should not be taken lightly.



Why just challenge the Amiga when you can humiliate your mates as well? So many ways to play from the lurking menu.



What we have here is a bit of a puzzle. Where on earth can you put that rather exotically configured stone in the top right of the screen? There as they say lies the rub. Here the board reflects a rather poorly played game of the mind-fryingly good *Ishido*. The idea is to get rid of all your stones onto the board. Not all of the board scores point by the way. For example the Ankhs bottom right are pointless!



Secondly, when making a four-way a pleasant jingly noise is heard and four stars appear on the golden pieces. Thirdly, there's the Show All Possible Positions option. This doesn't help with strategy but gives you a glimpse of positional play.

As a game of strategy *Ishido* appears to have one major flaw, and this can be irritating for the first few plays; it involves an ele-

ment of luck. You have no idea which stone is coming up next. However, the more you play the more you realise placing the stones you do have is more important than knowing what you've got coming to you.

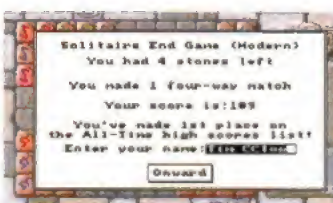
**Very Chinkie**

It's all very Zen, with an element of Taosim thrown in and that's enough

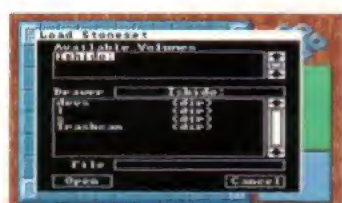
philosophy for a while. In practice you have to play extraordinarily positionally to achieve anything. The strategy is unlike anything you would apply to chess, or even Go, with both of these you know what you have to play with. Nope, this calls for blind forward thinking and getting your brain around that alone is worth a few hours with the Stones. **Tim Smith**



A different stone set, a different game. The program is quite smug, and very quick to tell you that you've reached an impasse.



Oh who's a clever stick then? However, you should be looking at scores running into the thousands if you want to be a master.



Bored with stone sets? Why not be a true thinker and create your own with the built-in editor? It's nearly as much fun as the game!

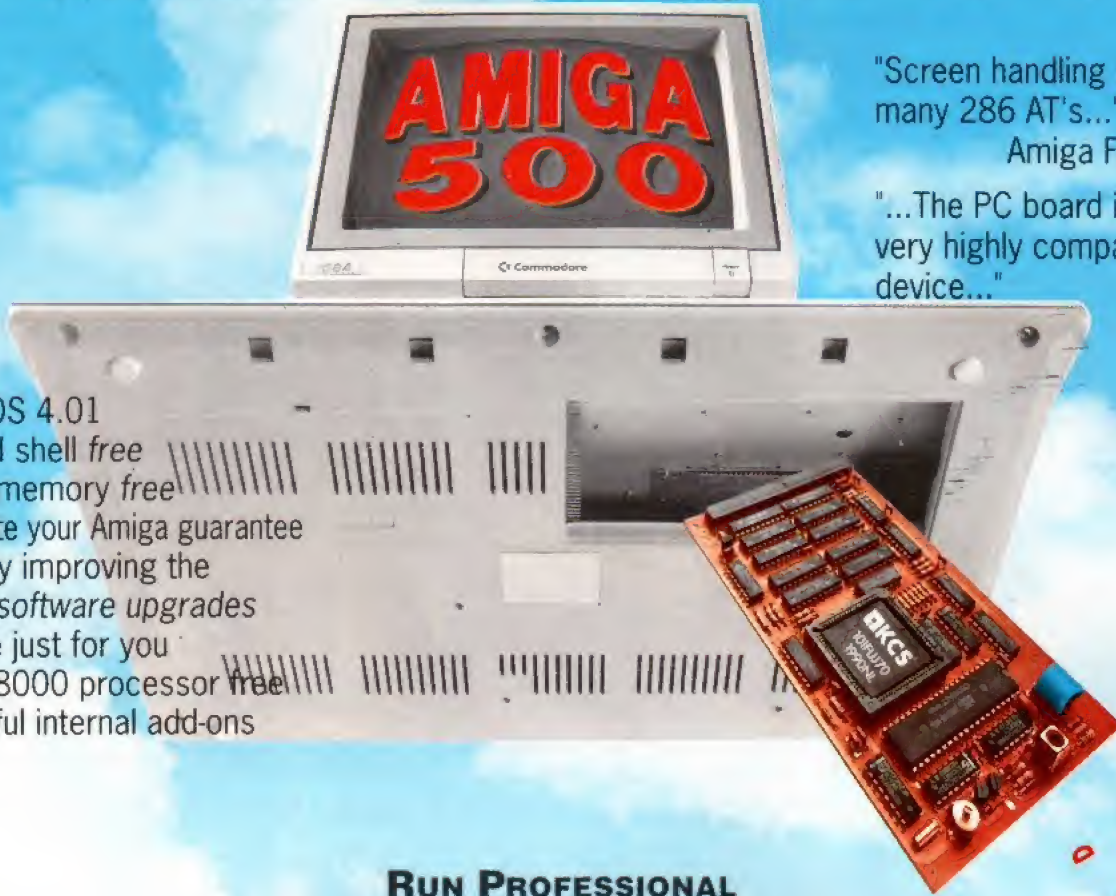
**VERDICT**

- ◆ A mixture of Go, Othello and no game you've ever played.
- ◆ A definite "not as easy as it looks"
- ◆ Excellent graphics with plenty of boards and stonesets to choose.
- ◆ It's irritating having to click on dialogue boxes to remove them.
- ◆ Still not as good as chess though!

**80%**



# THE AMIGA 500 PC/XT IS HERE



"Screen handling is faster than many 286 AT's..."  
Amiga Format Oct '90

"...The PC board is indeed a very highly compatible device..."

AUI Dec '90

WE...

- ★ Supply MS-DOS 4.01  
GW Basic and shell free
- ★ Supply extra memory free
- ★ Do not invalidate your Amiga guarantee
- ★ Are continually improving the product with software upgrades
- ★ Run a helpline just for you
- ★ Leave your 68000 processor free for other useful internal add-ons

**RUN PROFESSIONAL  
MS DOS SOFTWARE  
ON YOUR AMIGA 500  
AT A PRICE YOU CAN AFFORD**

**PRICE SLASH  
NOW £299 INCL**

# KCS

# POWER PC BOARD

Support of the A590 hard drive and other improvements now incorporated. Ring for details.

## WHY DID YOU BUY AN AMIGA 500?

Of course, because of its superb graphics, music and animation capabilities. However if you want to get serious, you soon realise that it is distinctly lacking in memory and professional software.

### Well - They Said It Could Never Happen - But It's Here At Last!

Now in your own home can transform your Amiga 500 into a real IBM compatible with Amiga memory expansion up to one and a half megabytes.

It's simple - No screwdriver, no soldering iron and no technical knowledge required. Just turn your Amiga over, open the cover, slide the Power PC Board into the connector, close the cover and your Amiga PC/XT is ready. (In other words, no loss of guarantee)

You are now ready to use a wealth of professional MS DOS software at speeds faster than a PC/XT (ind. review), and in colour, with compatibility thanks to Phoenix-Bios.

You can also rely on the correct date and time at any moment in Amiga and MS DOS mode (battery included).

- Video support: monochrome, Hercules and Colour Graphics Adaptor (CGA) (4 and 8 colours)
- Disk support: internal 3.5" external 3.5" external 5 1/4" drive. A590 Hard Drive.

- Including MS DOS 4.01, MS DOS shell and GW Basic (market value approx £130.00)
- Including English Microsoft books + KCS manual
- Further exciting software upgrades in the pipeline

- ★ Available memory: 704KB + 64KB EMS in MS DOS mode, 1 megabyte + 512KB RAM (disk) buffer in Amiga mode
- ★ No extra power supply necessary thanks to the most modern CMOS and ASIC technology
- ★ OK with TV. No special monitor required
- ★ Price: **£299.00 including VAT and postage**  
**Access and Visa accepted.**
- ★ For export price please contact us
- ★ Trade enquiries welcome (UK - Scandinavia - Australia/NZ and all English language.)

Compatibility is excellent, but no-one can guarantee every single program available therefore if your purchase depends on a particular program, please ask us first or send in a copy of the program. (With suitable S.A.E if to be returned). Price subject to change without notice.

**BDL BITCON DEVICES LTD.**  
88 BEWICK ROAD, GATESHEAD,  
TYNE & WEAR, NE8 1RS ENGLAND.  
Tel: (091) 4901919/4901975.  
Fax: (091) 4901918

BDL HELPLINE (091) 490 0202



# MASTER S.O.U.N.D

Sound sampling Hardware and SOFTWARE for the AMIGA

## WHAT IS MASTER SOUND?

MASTER SOUND is a low cost, high quality sound sampler for the AMIGA range of computers featuring advanced Sampling/Editing/Sequencing software. MASTER SOUND enables you to record sounds from devices such as Personal Cassette or Compact Disc players into the AMIGA. When in the Computer, MASTER SOUND'S unique editor will enable you to edit the sound in practically any way you can imagine. Once you have the sample how you want it, you may incorporate it into your own Demo's or programs or use MASTER SOUND'S own BUILT IN sample sequencer to play back the sample along with a number of others too!

## THE MASTER SOUND EDITOR

incorporates the following facilities:

- |           |            |              |              |
|-----------|------------|--------------|--------------|
| ★ SAMPLE  | ★ PLAY     | ★ PREVIEW    | ★ LOOP       |
| ★ CUT     | ★ COPY     | ★ OVERLAY    | ★ WIPE       |
| ★ FADE IN | ★ FADE OUT | ★ VOLUME     | ★ REVERSE    |
| ★ SHRINK  | ★ FILTER   | ★ MAGNIFY    | ★ TRIGGER    |
| ★ LOAD    | ★ SAVE     | ★ RAW FORMAT | ★ IFF FORMAT |
| ★ SCOPE   | ★ FFT      | ★ VU METER   | ★ SEQUENCER  |

The impressive realtime Spectrum Analyser and Oscilloscope enable the user to monitor frequency content and volume with ease and help you to ensure that the sample quality is at its best.

## THE MASTER SOUND SEQUENCER\*

Allows you to play back samples in a sequence. Multiple samples can be held in memory at once and sequences are as simple to record as tapping keys on the computer's keyboard. Once recorded, the Sequencer can save the samples and sequence file out onto disc so that the files can be used in your own demo's.

## THE MASTER SOUND DEMO

Allows you to play back your own sequenced sounds from the sequencer while displaying IFF picture files. This is great for creating your own public domain demo discs without having to be a computer programmer!



MASTER SOUND EDITOR

**microdeal**

© MICRODEAL 1990  
ALL RIGHTS RESERVED

## MASTER SOUND ORDER FORM

Master Sound is £39.95 post & packing £1 (all prices inc V.A.T.)



**BY PHONE  
WITH  
CREDIT CARDS**

**(0726) 68020**



**BY POST:** with Cheque · Postal Order · or Credit Card

Name .....

Address .....

Post Code .....

Credit Card Type ..... Expiry Date .....

Number .....



Please allow 28 days for delivery

Send to: Microdeal · PO Box 68 · St Austell · Cornwall · England · PL25 4YB



**E**lvira, the lady with the big reputation, wants a hand with her chest. She's opened up her old ancestral home Castle Killbragant and along with it a real can of worms - the really slimy ones. She has also reawakened an ancient curse, placed by her great, great, great grandma, who it appears wasn't so great after all.

The spooks and demons have come out of the closet and trapped Elvira in her own home. In answer to a small ad you are now her rescuer. Searching through the castle you must find six keys that will unlock an ancient chest and lift the curse. Easy? It would be if the ghosts didn't carry loaded swords and weren't able to use magic - not any of your Paul Daniels rubbish either, this stuff really hurts.

**Carry On Elvira**

Guided by the lovely Miss E' you roam around the castle killing guards, fighting monsters, receiving horrendous wounds and being healed by Elvira's own sweet hands. As it's the family home of the Elvira clan the place is full of unexpected tunnels, guardians and other surprises. Nothing is what it seems and the level of innuendo and derision is along the lines of a "Carry On" film and are only ever a wobbling breast away.

Elvira, and her accompanying house, are beautifully drawn and the story created by all your wandering is well animated with arcade-style sub-games around every corner: from sword fighting to breath holding feats, they are all yours to try. All you have to lose is your life, so why not give it a go?

**Get Y'er Disks Out!**

Elvira is flawed however, in many painful ways. The most frightening is the sheer number of disks; five to be exact. You get your moneys worth though, as virtually every movement between locations forces disk access. Irritation soon starts to set in.

The adventure though, is well thought out, with a strong side-line in role-play underpinning the plot. As you roam, most of Elvira's



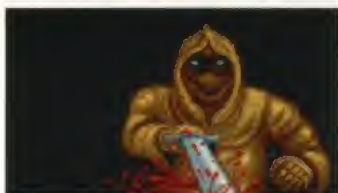
"Alas, poor Yorick, I knew him Darren!". Another big beastly attacks and you'll need something better than a dagger if you're to win through. You have to watch which side the attack is coming from and then parry or block. On attack you have a similar two options; hack or lunge, which depends on how the beast is defending. It ain't easy!

**ELVIRA - MISTRESS OF THE DARK**

ACCOLADE £24.99 ■ MOUSE

ghostly ancestors insist on sword battles. Seeing as your starting weapon's only a dagger, they are not easy to win. Yet victory earns you experience in handling the weapon and access to another room or area.

Unfortunately, fighting with the dagger and no visual guides means that you take many more blows than you should. Elvira has given you masses of healing potions, but these can't be used during the battle. Henceforth, and rather fittingly



You've got to fight, for your right, to stay alive in Castle Killbragant. Here a hooded nasty in the keep has a go. He is one of the easier-to-kill folk so enjoy the slaughter, the tables soon turn.



A vampire! This lady's bite is fatal and you'll need to find all the right kit before attacking her. The stakes are easy enough to get, but where do you find a mallet in a tourist castle?

**Two Strokes Are Enough**

Sword battles are limited to two strokes on attack and two on defence. You have to select which blow the other guy is going to try and react accordingly. A simple sub-game of guess the sword stroke, it is at the heart of the games earlier stages.

for a Gothic game, you spend large amounts of time dead.

The slowness and the repeated deaths ruin Elvira. It is simply no fun to play. The frustration's heightened by the graphics because so many remain unseen. Success is a matter of persistence and luck. Still, Elvira does have nice...

Trenton Webb



The lovely lady herself. She appears throughout the game, some times in a digitised form; sometimes in a cartoon likeness. Even then she's easy to spot.

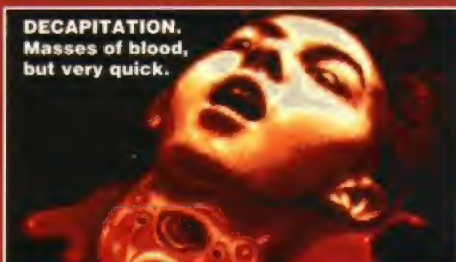
**VERDICT**

- ◆ Graphics that will suit the heavy breathers and gore fans.
- ◆ Five disks means far too much swapping.
- ◆ Disk access before each move means slow game play.
- ◆ Strange licence that makes an irritating game.
- ◆ An average adventure that falls apart due to bad disk management.



**IF YOU WANT TO GET A HEAD...**

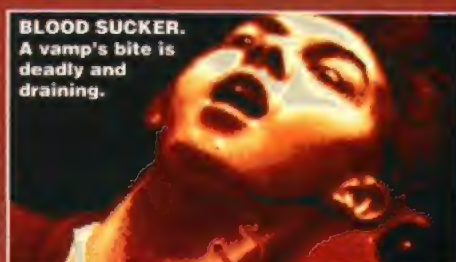
There are many ways to die in Elvira. Each one is messy, painful and needlessly vicious. This is what you will look like if a mistake is made and a battle lost.



**DECAPITATION.** Masses of blood, but very quick.



**SMASHED SKULL.** Owww! Makes migraines seem fun.



**BLOOD SUCKER.** A vamp's bite is deadly and draining.



# CARTHAGE



PSYGNOSIS £24.99 ■ Mouse

The Phoenician colonies had no luck, they were ravaged and defeated by the Romans on three occasions. These became known as the Punic wars. Now's your chance to put history right and help out these poor victimised souls by taking on the role of Diogenes, a Phoenician hero.

## Winning Wars Takes Dosh

Carthage is a strategy game and as Diogenes you have to make sure the Romans are out-flanked, out-gunned and out-thought. To do this you have to buy soldiers, create armies and allocate your resources according to the movements of the Romans. This is done from a sexy, fractal generated, 3D map which shows the position of the cities, your troops and the Romans.

To win the day you'll need dosh and lots of it. Fortunately, the Phoenician trading fleet, the best around, regularly sends back money to its capital, Carthage. You have to make sure this money makes it to the various cities by getting on your chariot and taking it there in person.

The chariot sequences are one of the main arcade sequences. You view your chariot from behind, and see the road scrolling in front of you in *Outrun* style. To go faster, you give the horses a good crack of the whip and steer them just as you would a Robin Reliant (namely hang on for your life). Hitting the logs and rocks that appear in the road causes money bags to drop off your chariot, they also make your wheels wobble. If they become too wobbly though, they drop off forcing you to hitch back to the city.

## Ben Hur Move Over

If you meet another chariot on the road, then a confrontation takes place in true *Ben Hur* style. The view changes to overhead and you've got to barge the other chariot off the road by ramming the spikes on your wheels into the other chappies, while simultaneously whipping him in a very unsporting fashion.

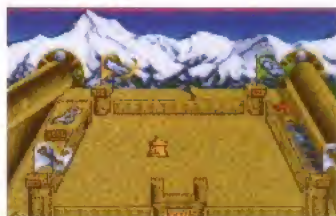
Succeed and he gets the chance to eat grass verge, but if you lose and then it's your turn for the cowslip and nettle sandwich. Best of luck you'll need it.



Carthage isn't so much a game of the gods, as a game of the bods. As the hero Diogenes you've got to free the Phoenicians from Roman imperialism. To aid you in defeating the Italian tyrants, a goddess has kitted you out with amazing powers of vision. What this means is that you know exactly what the Romans are up to. This map shows all the fortresses, armies and obstacles in the country (and not an OS symbol in sight!)



As the chariot wobbles down the road you'll encounter lots of logs and rocks. Hit to many and a wheel drops off "SOS, ATS".



You've made it to the city. Now all you've got to do is distribute the money and build yourself an army or two.



Meet a Roman spy on the way and you'll have to ram the chap off the road. Stick your spikes in his wheels and give him a good whipping.

In order to out-flank the Romans, you'll need to keep close tabs on their progress. From the 3D map, you can view the entire country, with all the forts and cities shown as flags. To move an army you simply click on its icon (a small helmet) and drag it to the city that you want it to march to. To move Diogenes (and therefore money) you drag his helmet onto the city you want him to travel to.



Zoom in on the map and you'll see more detail about the Roman oiks and their nasty armies of centurions. The gray flags represent your forces. If you feel that your undermanned, then simply up the tax rate and buy yourself some more soldiers (well it worked for Major).

If the Romans catch up with you then a battle will begin. To get an army ready for battle simply click on its general and halt it. Then it's a case of dragging either the cavalry, infantry or elephants to their required destination and watching the battle commence.

Andy Hutchinson

## VERDICT

- ◆ Carthage is a well presented graphical strategy game.
- ◆ Arcade sequences lift what could have been a boring game.
- ◆ Considerable lasting interest, coupled with an interesting historical background.
- ◆ Will only appeal to strategy games fans.
- ◆ Arcade sequences alone won't make the game any more interesting to shoot-em-up fans.







# FOR GAMES

## Captive



Mindscape presents **CAPTIVE**... prepare yourself for the game set to take action role playing games into a new dimension. Held captive in suspended animation by high-tech guards for a crime you didn't commit, a freak computer virus brings you back to the back to reality. Armed only with a briefcase computer fused in the corner of your jail you eventually make contact with your friend's sympathers to your cause. So begin your quest for revenge.



**FREE ENAMEL CAPTIVE BADGE WITH EVERY PURCHASE FROM VIRGIN.**  
\*While Stocks Last.

U.S. GOLD

SEGA



**ESWAT**


**DARE TO WEAR THE ESWAT BADGE ....**

Criminals are running amok in Cyber City. Law and order no longer exists. Only ESWAT, the elite division of the Police are capable of restoring peace. Earn your stripes, impress your supervisors as a regular SWOT Cop, and you just might enter the ESWAT squad. It's your only chance to even the score!

Available on **CBM 64/128** and **Amstrad** cassette & disk, **Spectrum** cassette, **Amigo** and **Atari ST**.

The scene, North Vietnam 1972. U.S. Forces are ready to engage in the real last push of the war: The Linebacker Campaign. Whether you're in the thick of the action, piloting bomber planes and fighter planes, or observing as mission controller based on the carrier at Yankee Station, you'll be amazed at the stunning graphics and playability in **Flight of the Intruder**.

**MIRROR Soft**



Available on: Spectrum, Amiga, Amstrad, Commodore, Atari ST, and MS-DOS.

## ROBOCOP 2



Robocop 2 has justice in mind - a kind of justice only he can deliver! Some of the most action-packed scenes ever devised for maximum entertainment value.

Available on:  
Spectrum cassette & disk,  
Amstrad cartridge,  
Commodore cartridge,  
Atari ST and Amiga.

**ocean**

TM & © 1990 Orion Pictures Corp. - All rights reserved.

**THE VIRGIN GAMES CENTRES ARE AS FOLLOWS:**  
100 Oxford Street, London. 18 Merchant Street, Bristol. 64-66 Clarence Street, Kingston - Upon - Thames. Unit 6, West Gate Centre, Oxford.

**AND IN THE VIRGIN MEGASTORES AT:**  
527 Oxford Street, London (Marble Arch). 98 Corporation Street, Birmingham. 157-161 Western Road, Brighton. 94-96 The Briggate, Leeds. 6-8 Wheelersgate, Nottingham. 131 Princess Street, Edinburgh. Unit 4, Lewis's Building, Argyle Street, Glasgow. 14-18 Aston Quay, Dublin. Unit 1C, Castlecourt, Royal Avenue, Belfast. Unit 7-9, The Capital, Queens Street, Cardiff.

**SPECIALIST SOFTWARE DEPARTMENTS IN:**  
The Virgin Megastore, 14-18 Oxford Street, London. The Virgin Megastore 28-32 Union Street, Glasgow.

THE VIRGIN GAMES CENTRES ARE AS FOLLOWS:  
 100 Oxford Street, London. 18 Merchant Street, Bristol. 64-66 Clarence Street, Kingston - Upon - Thames. Unit 6, West Gate Centre, Oxford.  
 AND IN THE VIRGIN MEGASTORES AT:  
 527 Oxford Street, London (Marble Arch). 98 Corporation Street, Birmingham. 157-161 Western Road, Brighton. 94-96 The Briggate, Leeds. 6-8 Wheelersgate, Nottingham. 131 Princess Street, Edinburgh. Unit 4, Lewis's Building, Argyle Street, Glasgow. 14-18 Aston Quay, Dublin. Unit 1C, Castlecourt, Royal Avenue, Belfast. Unit 7-9, The Capital, Queens Street, Cardiff.  
 SPECIALIST SOFTWARE DEPARTMENTS IN:  
 The Virgin Megastore, 14-18 Oxford Street, London. The Virgin Megastore 28-32 Union Street, Glasgow.





62 Tenter Road,  
Moulton Park Business Centre,  
Northampton, NN3 1AX,  
England

Tel: (0604) 790466  
or 081-941 6117  
Fax: (0604) 647403

## THE GENLOCK PEOPLE

### FRAMEGRABBER

A new, fast, real time video image digitiser for the Amiga. "Marcam's Framegrabber currently represents the state of the art in Amiga video digitising technology...the quality of grabbed images is just amazing"

*Amiga Format magazine review,  
February 1990.*

**PRICE**  
**£575.00**

### FRAMEGRABBER 2.0

Framegrabber 2.0 has hundreds of new software features such as: shrink, zoom and magnifies to any size. Prints images directly from FG software, mirror image feature for creating silk-screen applications. Framegrabber supports full 24-bit, true-colour images, and new file formats: DV-21, IFF-24 and config. Files. Several extra image processing features include sharpening & blurring as well as line-art and negatives of images. The new palette lock system matches palettes and facilitates use with genlocks.

Marcam's FrameGrabber is the answer to every Amiga owner's digitising dreams.

Marcam's unit currently represents the ultimate in Amiga video digitising.

*Amiga Computing - October 1990*

### VIDEO TITLING PACKAGE TELETITLER

**£30.00**

An error by our purchasing department. This is technically great, but a nightmare to use. The manual is awful, and we just want to make space on our shelves. We can offer no backup, no returns, no guarantees, just a very tempting price!

### PRICES INCLUDE VAT & DELIVERY

All our products carry a 12 month warranty

### GENLOCKS

RENDALE 8802  
**£249.99**

RENDALE 8806  
**£862.50**

### ULTRADESIGN

A high-end professional CAD system that even a novice can use! UltraDesign features configurable parameters to suit any standard. You can choose between real-world units; Metric or English, and select screen colouring by pen style, group or layer. Other features include true hatching and filling (40 hatching patterns), auto-dimensioning, up to 65,000 layers (limited only by memory), user definable keyboard commands, full parts library support and much more. A separate output program allows multiple drawings to be scaled and plotted on a single sheet of paper, or on several sheets to create a mural sized drawing. UltraDesign also includes a program for converting files to and from other formats: IntroCAD, AutoCAD, HPGL, DMPL. UltraDesign runs on all Amiga computers with one (1) or more Mbytes of memory.

**PRICE**  
**£249.99**

### 3D PROFESSIONAL

3D Pro represents the state of the art in Amiga rendering packages. The program is initially daunting, but once you've got the hang of it you'll be churning out complex ray traced images in no time.

Highly recommended - Amiga Computing October 1990

Powerful polygonal rendering techniques allow you to create stunning 3 dimensional images and animations quickly and easily. 3-D Professional combines power and performance with an intuitive interface that gives the Amiga user complete control of the entire object rendering and animation process. Use the mouse to manipulate every aspect of an object: size, rotation, surface lighting, colour, etc. 3-D Professional then lets you choose between several advanced rendering techniques for displaying your objects in spectacular 3-D form! Also, create impressive backgrounds with fractal landscapes, trees and clouds.

Putting your objects into motion is a breeze with 3-D Professional's animation facility. Arrange individual frames automatically or manually and add them to your animation with a key stroke. If you need to make changes you can cut and paste, edit and manipulate frames with 3-D Professional's stand-alone animation editor. 3-D Professional is available for all Amiga computers with 1 or more Mbytes of memory.

**PRICE**  
**£299.99**

### SUPER VHS GENLOCK

The new Super 8802 from Marcam Ltd. will be launched at the November Commodore Show. Prices are yet to be fixed, but the unit can be purchased either as a complete product or as an upgrade to an existing 8802. Come and see the new machine on stand 48 at the show. Features include:

- ★ Super VHS in and out
- ★ Composite in and out
- ★ Fade video to black
- ★ Fade Amiga go black
- ★ Cross Fade
- ★ Cross Wipe
- ★ Mode selection switch
- ★ Foreground/background mode
- ★ Fade out Amiga
- ★ Fade out video



# SP OUTRO

If Page 51 was ScreenPlay Intro, this must be SP Outro!

**T**oo many games and not enough pages! That's the problem that faces the *Screen Play* every month. Some games arrive too late for us to review, others are just too duff and don't deserve a whole page. So here in *ScreenPlay Outro (SPOutro)* we'll try to tidy up all those loose ends by giving snippet reviews of games there simply isn't space for – and to warn you, the reader, about immensely naff games.

## TEENAGE MUTANT HERO TURTLES

■ **Mirrorsoft £24.99**  
**Joystick**

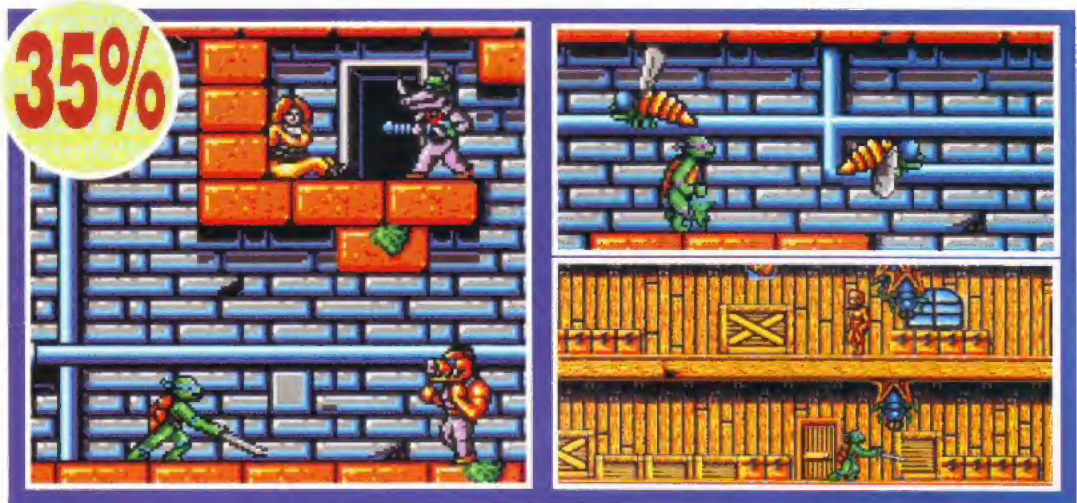
It's here, at last! Was it worth the wait? Well, to be brutally frank... no. The most hyped and probably most expensive licence of the year can't live up to its billing. The sprites are small and, though green, are not instantly recognisable as Turtles. They could be mutant frogs or invading aliens – basically anything that shows an emerald hue.

Both the plot and gameplay are fragmented, shifting from one game style to another. This is not always a bad idea, adding variety, but each of the sections should be able to carry a game in its own right. This is decidedly not the case with the Turtles. There's an overhead *Gauntlet*-style street section, a side-on battle in the sewers and a very daft swimming bomb-disposal sequence. Not that it's too easy – it's just dull and extremely fiddly to control.

The game works, but is not exactly the state of the art. The scrolling lags behind the characters on occasions, exits refuse to let you past and pathways which apparently look as though they are clear sometimes become invisibly blocked for some reason.

These factors are made even more irritating because to get this far you will have struggled with an almost unreadable copy protection section sheet and listened to the infuriatingly unrecognisable tune. What was wrong with *Partners in Crime* or the cartoon theme?

It is an improvement on the American Ultra game on which this version was based, but not nearly by enough. **Trenton Webb**



**John**  
Guitar and Katana Blades



**Paul**  
Bass Guitar and Bo



**George**  
Guitar and Sais



**Ringo**  
Drums and Nunchuckas



## VECTOR CHAMPIONSHIP RUN

■ **IMPULZE £24.99**  
**Joystick**

Hot on the tail of *Indy 500* comes VCR. Another vector racer, it has impressively smooth updates and moves well, but it is inhibited by a massive steering problem. The game gives a good impres-

sion of speed but a terrible impression of handling. Unfortunately, all the neat coding in the world can't make a racing game great if you can't get the car around the course. Normally you would expect difficulty in learning the ropes, but this car is uncontrollable. The walls are good, though, and that is just as well because you spend more time looking at them than you do the course.

## EDD THE DUCK

■ **IMPULZE £24.99**  
**Joystick**

Take *Rainbow Islands*, swap Bub for Edd the Duck, the rainbows for snowballs and islands for studios and you get *Edd the Duck*. This cutesy platform romp is well drawn and animated. The gameplay is familiar: leap between clouds and other platforms and dodge twee monsters. Yet there is little special to pull you into the game, no magic that will force just 'one more go'. *Edd*, ideally, should be aimed at the younger computer users who are familiar with the character, but the dexter-

ity demanded means it could all end in tears. **Trenton Webb**





## THE AMIGA FULL PRICE SOFTWARE CHART

1	(1)	<b>F19 Stealth Fighter</b> MicroProse	£29.99	FG91%
2	(-)	<b>Lotus Turbo Challenge</b> Gremlin Graphics	£24.99	89%
3	(2)	<b>Kick Off II</b> Anco	£24.99	FG94%
4	(20)	<b>Supremacy</b> Virgin	£24.99	FG90%
5	(-)	<b>Power Pack</b> Beau Jolly	£24.99	Compilation
6	(-)	<b>Hollywood Collection</b> Ocean	£29.99	Compilation
7	(-)	<b>Wheels of Fire</b> Domark	£29.99	Compilation
8	(17)	<b>Indianapolis 500</b> Electronic Arts	£24.99	FG92%
9	(4)	<b>Gremlins 2</b> Elite	£24.99	79%
10	(-)	<b>Golden Axe</b> Virgin	£24.99	80%
11	(-)	<b>M1 Tank Platoon</b> MicroProse	£24.99	71%
12	(3)	<b>Corporation</b> Core Design	£24.99	80%
13	(13)	<b>Cadaver</b> Mirrorsoft	£24.99	83%
14	(-)	<b>Captive</b> Mindscape	£24.99	FG91%
15	(-)	<b>Awesome</b> Psygnosis	£24.99	*see below
16	(-)	<b>Super Off Road</b> Virgin	£24.99	80%
17	(22)	<b>Cricket Captain</b> D&H Games	£24.99	*see below
18	(-)	<b>Gunship</b> MicroProse	£29.99	87%
19	(23)	<b>International Soccer Challenge</b> MicroProse	£24.99	55%
20	(25)	<b>Sirius 7</b> CRL	£19.95	24%
21	(-)	<b>Monty Python</b> Virgin	£24.99	88%
22	(-)	<b>Sly Spy</b> Ocean	£24.99	*see below
23	(16)	<b>Back to the Future 2</b> Imageworks	£24.99	*see below
24	(7)	<b>Days of Thunder</b> Mindscape	£24.99	48%
25	(6)	<b>Midnight Resistance</b> Ocean	£24.99	69%
26	(-)	<b>Team Yankee</b> Empire	£24.99	81%
27	(-)	<b>World Cup Soccer '90</b> Virgin	£24.99	74%
28	(8)	<b>F29 Retaliator</b> Ocean	£24.99	FG92%
29	(-)	<b>ST Dragon</b> Storm	£24.99	82%
30	(-)	<b>Fun School 3 (5-7)</b> Database/Mandarin	£24.99	N/A

\* These games have received no official Format verdict: the reason/excuse (delete as applicable) why not is:

**AWESOME** - Psygnosis = Not reviewed. Multiple game style space adventure. Brilliant intro, reasonably good in-game graphics. Mish-mash of game styles. AF Verdict 63%

**CRICKET CAPTAIN** - D&H Games = Management sim cum sports sim for Cricket fans. Thorough, if somewhat slow going. Good conversion of an unconvertable game. AF Verdict 72%

**SLY SPY** - Ocean = No review copy as yet (hint, hint!)

**BACK TO THE FUTURE 2** - Imageworks = No review copy.

Chart compiled by Gallup Ltd © 1990 European Software Publishers Association.

## BULGING BARGAIN BASEMENT



Re-released recently are five Infocom adventure classics:

Planetfall, Wishbringer, Hitchhiker's Guide to the Galaxy, Zork I and the stunningly titled Leather Goddess of Phobos. These are not action games, but thoroughbred adventures that will test the best. When asked about the quality of these games, AF Editor Bob Wade could only comment "Well, they are all Infocom adventures so they're pretty bleedin' good". What higher recommendation could you want?

## CHART MOVERS



Compilations make their move this month, with the first part of the Chrimbo rush reflected here. The Christmas Number One won't be known until next month, but already it is easy to spot those stocking fillers creeping into the chart. Beau Jolly's **Power Pack** is the highest entry of the bunch, with the excellent **Hollywood Collection** breathing down its neck. Both are supported by the driving bundle **Wheels of Fire** from Domark. Compilations are proving their appeal to both committed gamers who want to bolster their collection and new users who want an instant library.



**Killing Game School** (5-7), sorry, **Fun School 3**, is in at 30 and keeps the FG rated **Killing Game Show** out of the Chart. Educational software beating some hard-core blasting action! Disgusting, what is the world coming to?



**Turrican**, James Bond (**Spy Who Loved Me**), John Glames (**Operation Stealth**) and **Beast II** all fall victim to the Christmas rush. These titles were all solidly placed last month (5, 9, and 12 respectively) but have been blitzed by new titles. Who is next for the fall? **Kick Off II**?



Licence free zone. Original games still continue to top the charts, as this month only four coin-op conversions make the top 30, during a period when they are traditionally at their strongest. This compares to five straight sims, proof positive that Amiga gamers want more than coin-ops can offer. Is this their last Christmas as a market force? Is this something we should celebrate or commiserate?

## AMIGA FORMAT ALL PRICE FREEBIES CHART:



Throughout the year the offices of **Amiga Format** are bombarded with all manner of promotional material to publicise new software releases. So here is the Official 1990 Most Inventive Freebie chart.

- 1 = Severed horse's head (plastic) complete with fake blood (US Gold, Godfather licence announcement). "Absolutely inspired!"
- 2 = Sticky plastic fly (Gremlin Graphics, Venus Fly Trap). "Silly but effective."
- 3 = Plastic motorcycle rider (Mindscape, Ultimate Ride!). "Vrrroom vrrroom!"
- 4 = Lick and stick tattoos (US Gold, Line of Fire). "I'm that hard, me!"
- 5 = Luminous red baseball cap (Electronic Arts, Magic Fly). "Well, Damien liked it!"
- 6 = Inflatable dinosaur (Mindscape, Ultima VI teaser). "Not to be used as a life preserver!"
- 7 = Strange squashy stress ball (US Gold, Vaxine). "Wow, it's a new age, like the whole world's a game, maaan."
- 8 = Gazza waterproof poster (Empire, Gazza II promo). "Snuffle, sob, fog on the Tyne, sun."
- 9 = Team Yankee novel (Empire, Team Yankee). "Read a book? What, with no pictures!"
- 10 = Mobile (Electronic Arts, Powermonger). "How does it all fit together?"









# POWER COMPUTING

AVAILABLE NOW FROM POWER!

## NEW FROM ICD!

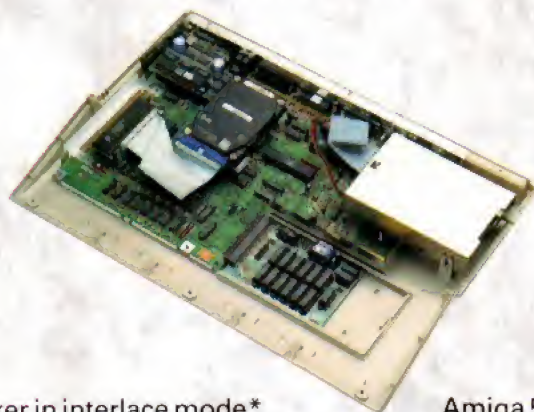
AdSpeed Accelerator Card  
for the A500 & B2000



- 14MHz Replacement processor
- 7MHz fallback software selectable
- On-board RAM Cache
- No soldering required

ONLY **£199**

## Flicker Free Video



- Eliminates ALL flicker in interlace mode\*
  - Rock steady display in high resolution
  - Compatible with Amiga 500, 1500, 2000
  - Ideal for artists and graphic designers
- \* VGA Monitor Required - call for more info

Amiga 500 Internal Hard Drive ■

20MB Formatted ■

2" Hard drive - The latest technology! ■

High quality ICD Interface ■

Simple Plug-in fitting ■

**£499 Inc. Vat.**

Introductory Offer **£279**

## ICD 2080 - 8MB RAM

FULLY POPULATED 8MB RAM BOARD

**SPECIAL OFFER!**

EXPAND YOUR B2000 TO THE FULL!

## POWER'S FULL HOUSE OF TOP QUALITY SOFTWARE.

Our extensive range of Amiga software currently includes:

### Art and Graphics

Animagic .....	£69
Comic Setter .....	£49
Deluxe Photolab .....	£59
Digipaint 3 .....	£49
Elan Performer .....	£30
Fantavision .....	£29
Kara Fonts .....	£49
Pro Video Plus .....	£169
Pro Draw 2.0 .....	£100
Sculpt 4D Junior .....	£149
<b>SCULPT-ANIMATE 4D ...</b>	<b>£229</b>
Turbo Silver .....	£99
X-Cad Designer .....	£75
X-Cad Professional ....	£229
Deluxe Paint III .....	£85
Deluxe Video III .....	£79
Digiview Gold V4 ....	£100
Pixmate .....	£35

Vista .....	£50
Distant Suns .....	£35

### Word Processing, DTP & Business

Home Accounts .....	£29
Digicalc .....	£29
Excellence .....	£160
Kindwords .....	£45
Pen Pal .....	£79
Pagestream .....	£139
Pagesetter 2.0 .....	£69
<b>Pro Write 3.0 .....</b>	<b>£89</b>

### Languages and Development

Devpac Amiga .....	£45
Lattice C V5 .....	£149
Lattice C ++ .....	£250
Power Windows .....	£45
Hisoft Basic .....	£55
Benchmark Modula 2 .....	£99

### Utilities

DOS 2 DOS .....	£29
<b>Cross DOS .....</b>	<b>£24</b>
X Copy .....	£24
Quarterback 4.0 .....	£34
Workbench 1.3 .....	£15

### Educational

Math Talk .....	£23.95
Math Odyssey .....	£24.50
Math-Amation .....	£39.95
Math WLizard .....	£24.50
Arithmetic .....	£24.50
Algebra .....	£24.50
Learn French .....	£14.95
Letters for you .....	£19.95
Learning the Alphabet .	£14.95
Kinderama .....	£24.50
World Atlas .....	£29.95
Word Master .....	£24.50
Talking Storybook ...	£14.95
Spell-A-Fari .....	£19.95
At the Zoo .....	£19.95
Aesops Fables .....	£24.50

Many more in stock -  
phone for details

Enquiries in Italy contact Power Computing Italy, Via delle Baleari, 00121 Ostia Lido, Rome  
Enquiries in Australia contact ACL Engineering, Perth (09) 481 0555  
Enquiries in France contact Power Computing, Paris (1) 43 75 94 00

For latest prices see our advert in New Computer Express

**WE ARE THE SPECIALISTS WHEN IT COMES TO  
PROGRESSIVE SOFTWARE. CAN'T SEE THE TITLE  
YOU'RE LOOKING FOR? CALL 0234 273000 AND OUR  
SALES TEAM WILL BE PLEASED TO HELP YOU.**

Power Computing Ltd • 44a Stanley Street • Bedford • MK41 7RW

**Telephone 0234 273000 • Fax 0234 270133**

Orders and dealers enquiries welcome by Telephone or Fax

ALL PRICES INCLUDE VAT • PRICES SUBJECT TO CHANGE WITHOUT NOTICE





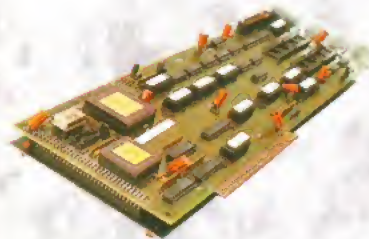
# POWER COMPUTING

THE AMIGA 2000 SPECIALISTS  
SOLE UK DISTRIBUTOR FOR GVP

## 68030 POWER FOR YOUR AMIGA 2000

50MHz Now available!!

- 16MHz, 28MHz, 33MHz
- Accelerate your Amiga up to 10 times normal speed!
- Up to 8MB High speed 32 bit "nibble" RAM.
- On-board AT interface for lightning fast hard disk access
- Optional 68882 Coprocessor



### 68030 ACCELERATOR BOARD

16MHz £499  
28MHz £599

### 68030 WITH 4MB 32BIT RAM

28MHz £1495

33MHz £1795

50MHz £2199

### AT HARD DRIVE for 68030 CARD

40MB £359

80MB £689

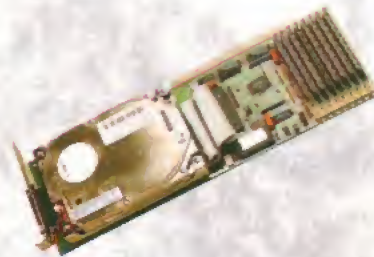
200MB £999

Phone for other combinations

## GVP SERIES 2

The Next Generation in SCSI & RAM Controllers for the A2000

- Fully SCSI Compatible
- Up to 8MB FAST RAM on-board
- High Speed "FAASTROM" controller
- Auto-boot from any FFS partition
- All combinations available



### HARD CARDS

40MB £499

84MB £699

100MB £799

200MB £999

### RAM MODULES

2MB £129

4MB £219

8MB £409

## BUY YOUR AMIGA 2000 SYSTEM FROM POWER

Leaders in the Home and Business Market



### VIDTECH SCANLOCK

STATE OF THE ART AMIGA GENLOCK

- Broadcast quality video output
- PAL, NTSC, SVHS Compatible
- Handles all Amiga Graphics modes
- Completely Eliminates video dot crawl



Amiga B2000 £899

Extra internal floppy £49

XT Bridgeboard £299

AT Bridgeboard £699

600MB Optical Drive £3299

200MB Tape Streamer £699

20MB Floppy Drive £699

20MB Disk £39

### ICD HARD CARDS

40MB £429

84MB £649

100MB £759

200MB £949

### ICD RAM CARDS

2MB £239

4MB £349

6MB £459

8MB £549

### SPECIAL OFFER !

BUY ANY B2000 SYSTEM &  
GET A 40MB HARD CARD  
FOR ONLY  
£349

NOW ONLY £759!

Power Computing Ltd • 44a Stanley Street • Bedford • MK41 7RW

Telephone **0234 273000** • Fax **0234 270133**

Orders and dealers enquiries welcome by Telephone or Fax

ALL PRICES INCLUDE VAT AND AMIGA 2000 PRICES INCLUDE 24 HOUR DELIVERY PRICES SUBJECT TO CHANGE WITHOUT NOTICE





# POWER CO

Send in the order form Now!.....

Power's exclusive range of offers on floppy drives!

## The Famous PC880 Power Drive! £65

- Special NEW circuitry to prevent that annoying click when the drive is empty
- Isolating on-off switch
- Thru' port for daisy chaining
- 880K formatted!
- Comes with free utility disk
- Top Quality Epson or Sony Mechanism



## NEW IN!

The dual 3.5" drive with power supply

ONLY £110



We also stock fully guaranteed Verbatim disks and a range of boxes, including:

40 Disks with lockable storage box - ONLY £29.95

15 Disks with storage box, for an unbeatable £9.95!

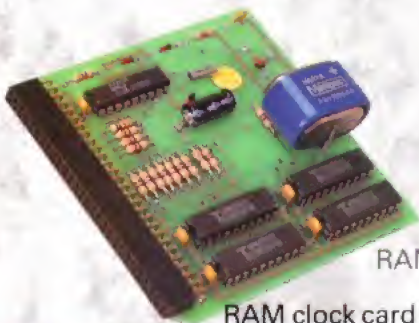
The A500 Internal drive kit

£4

External 5.25" drive

£9

## MEMORY EXPANSIONS



### The A500 Clock Card

The Power Computing 512K RAM expansion Includes Battery Backed up clock!

VERY LOW PRICE £34.95

RAM card without clock: £29.95

RAM clock card with PC880 Power Drive £95!

### The 1.5MB Expansion Board

Plugs easily into your Amiga (Kickstart 1.3 & above) to give you the memory you need. Simple internal fitting

NOW ONLY £89.95



Compatible with Fatter Agnus!

### ICD ADRAM Memory Expansion

- 1MB £139
- 2MB £179
- 4MB £249
- 6MB £489



RAM chips for the upgrade specialist!

- 1 x 1 Mbit RAMS £6.99
- Kickstart 1.3 ROM £39

- 256 x 4 RAMS £5.99
- GARY ROM £49

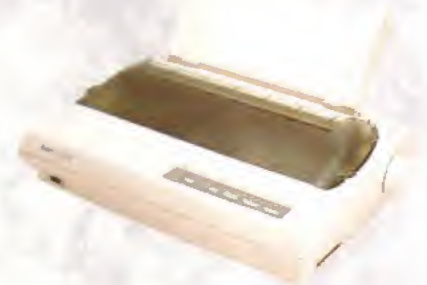
## PRINTERS

We are proud to present an offer you'll be proud to accept!

### Glorious Colour Kit!

The new LC200 Colour Printer!

- LC200 Colour model LC200 Colour £239
- Parallel Cable LC24 10 £25
- 200 sheets paper NEW! LC24 200 colour! £31
- 200 address labels Amazing Flexidum
- Delivery & VAT Utility £34.95



PLUS LC10 Colour Fabric Printing Kit ONLY £17.99

Also in stock, an impressive range of automatic sheet feeders, replacement ribbons and printer stands.

ALL PRICES INCLUDE VAT AND ARE SUBJECT TO CHANGE



# COMPUTING

...or Telephone 0234 273000

## BLITZ!

For the Commodore Amiga  
"Faster than a speeding Express!"



- Backs up your disks at lightning speed
- Copies from the internal to the external drive
- Backs up an Amiga Disk in around 40 Seconds
- Backs up other format disks too (Atari, PC)
- Copies to up to three external drives at once
- Works on Amiga 500 or 2000

\* Blitz is sold on the understanding that it is not used to contravene the 1988 Copyright Act\*

**BLITZ AMIGA £25** **BLITZ AMIGA WITH PC880 Power Drive £85**  
**COMMODORE A590 20MB Hard Disk £379**

**NEW GVP SERIES 2 HARD DRIVE**  
**WITH UP TO 8MB RAM EXPANSION**



	0MB	2MB	4MB
■ 20MB	£449	£529	£609
■ 50MB	£599	£679	£759
■ 100MB	£879	£929	£999

## Amiga Handscanners



- Complete with Scanning software
- 1MB Memory required
- Golden Image Scanner £199
- Naksha Scanner £159
- Kempston Scanner £189

## ACCESSORIES The finishing touch

Keep it covered! With this new hard wearing dust cover specially designed to fit snugly over the Amiga

**Video Master now in stock**

Call for details

- Replacement 2 button mouse **£20**
- Naksha Mouse **£35**
- Optical mouse with pad **£25**

'Anti-click' board for your internal or external drive - introductory offer **£19.95**



**£9**

Power technical helpline Monday - Friday 3pm - 5pm 0234 273248

# POWER HOUSE DIRECT

Power House is the fast expanding direct sales arm of Power Computing Ltd. With competitive prices, backed by large stocks and a trained sales and technical department. Our high speed computerised service makes Power the first stop for the Amiga enthusiast. Call us now on 0234 273000 for advice on the very latest in software and peripherals.



Rush in your credit card order FREE on 0800 581742. Make the most of our "fast fax" service on 0234 270133, or simply fill in and post this form to:

**Power Computing Ltd,**  
**Power House,**  
**44a Stanley Street,**  
**Bedford, MK41 7RW.**

Name

Address

Postcode

Telephone

System owned

Credit Card No.

Expiry Date

Signature

I would like to order

Make Cheques Payable to  
Power Computing Ltd

I enclose a cheque/PO for  
£





# DISCOUNT SOFTWARE

For The Commodore Amiga

## COMMODORE AMIGA A500 SCREEN GEMS PACK

Includes Deluxe Paint 2 and 4 top games

**OUR PRICE £369.95**

with 1/2 meg expansion, add £35  
with Cumana 2nd drive add £60  
prices include VAT and insured delivery,  
add £5 for express courier

## COMMODORE A590 HARD DRIVE

autobooting from WB 1.3

**OUR PRICE £279.95**

## BUSINESS/FINANCIAL

Home Accounts by Digita.....	20.95
Personal Finance Manager.....	21.95
System 3.....	32.95
<i>Invoicing, Stock Control and Cashflow Control</i>	
Cashbook Controller.....	32.95
Final Accounts.....	19.95
<i>Adds end of year accounts to Cashbook Controller</i>	
Cashbook Combo.....	47.95
<i>both Cashbook Controller and Final Accounts</i>	

## GRAPHICS & VIDEO

Pagesetter 2.....	49.95
Deluxe Paint III.....	59.95
TV Show, by Zuma.....	55.95
TV Text Professional, Zuma.....	129.95
Deluxe Video III.....	79.95
Pixmate.....	39.95

## ZVP VIDEO STUDIO

requires min. 1 meg & 2 drives  
**£89.95**

## RENDALE 8802 GENLOCK

**£169.95**

8802 Mode Switch Box £31.95

Rombo RGB Splitter see "Specials"  
VIDI-Amiga.....see "Specials"  
Digiview Gold v4.....119.95

## SOUND

Mastersound budget sampler.....	32.95
Trilogic Stereo Audio Digitiser software not supplied.....	34.95
A.M.A.S. sampler & Midi interface.....	74.95
Trilogic Midi 2 Interface.....	34.95
<i>in/out/thru, 2 x out/thru switched</i>	
Aegis Sonix v2.....	44.95
Dr. T's Tiger Cub.....	64.95
Quartet.....	34.95

## MUSIC X

FULL UK VERSION 1.1

**£89.95**

**MUSIC X JUNIOR**

**£49.95**

## DATABASES

Mailshot (label printing).....	18.95
K-Data.....	34.95
Prodata see "Specials".....	55.95
Superbase Personal.....	29.95

## SPECIALS

### NEW!! PROTEXT v5.0

Still a very fast WP program, now offering better mouse control and menus, holds up to 36 documents in memory for cross editing, newspaper style columns, new Collins Dictionary and new file selector. Comprehensive foreign language support, including Greek characters: 1 meg required  
RRP £149.95 **Our Price £99.95**  
PROTEXT 4.2 (still available) **£64.95**  
Protext 5 demo disc **£5.00**  
Protext 4.2 demo disc **£5.00**

### PRODATA

Arnor's database for 1 meg machines and above. Features excellent data layout facilities, including a wide range of printer effects, and uses many Protext editing commands.  
RRP £79.95 **Our Price £55.95**  
Prodata demo disc **£5.00**

### PRO-PACK!

Protext v5 and Prodata  
**£149.95**

### MEMORY EXPANSIONS

1/2 Meg internal expansions for A500's. Real time clock and disable switch included.  
Will not invalidate warranty.  
**£37.95**

### CUMANA CAX354 DISC DRIVES

Quality brand-name 3.5" drives including thru port, disable switch and no hassle one year guarantee. INCLUDES FREE VIRUS-X UTILITY  
**£64.95**

### DEV PAC version 2

**£39.95**

### AMOS v1.2

MJC PRICE JUST **£32.95**

### ACCESSORIES

3.5" disc head cleaner.....	3.95
A500/2000 printer lead.....	6.95
Naksha Mouse.....	27.95
Neoprene Mouse Mat.....	3.95
Quickjoy 2 Turbo Joystick.....	9.95
Comp. Pro 5000 J/stick.....	13.95
Joystick/Mouse switch.....	13.95

### DUST COVERS

<i>All nylon fabric, not PVC type</i>	
A500 keyboard.....	3.95
Philips CM8833 Monitor.....	4.95
Star LC10, Mk1, 2 or colour.....	4.95
Star LC24-10.....	4.95
Panasonic KXP 1081.....	4.95
Panasonic KXP1124.....	5.95
Citizen 120 D and plus.....	4.95

### VIDI-AMIGA

The best value video digitiser available for the Amiga. Grabs 16 shade mono images from any domestic VCR (with composite video output) to be saved as IFF files.  
NTSC VERSION.....**£79.95**  
320 X 200 RESOLUTION  
PAL VERSION.....**£89.95**  
320 X 256 RESOLUTION

### VIDI-CHROME

Colour software upgrade for VIDI. Uses mono video camera and Red, Green and Blue filters (supplied) or takes still colour source if used with RGB splitter.  
RRP £19.95 **OUR PRICE £15.95**

### ROMBO RGB SPLITTER

Takes still colour video signal and extracts red, green & blue for Vidi-chrome or Digiview.  
MJC PRICE **£59.95**  
Power supply for above, £4.95

### HITACHI MONO VIDEO CAMERA

**£219.95**

### NEW!! PHILIPS 8833 MK 2 MONITOR

includes cable and delivery

**£249.95**

### NEW!! - EXPANDABLE UPGRADES

RAM expansion boards upgradeable to 1.8meg (giving a total 2.3 meg). Plugs into normal expansion slot with no soldering, and includes disable switch and battery backed clock.  
POPULATED WITH 0.5 MEG **£49.95**  
POPULATED WITH 1 MEG **£69.95**  
POPULATED WITH 1.8 MEG **£109.95**  
NOTE: When expanding by more than 0.5 meg, an internal connection is required (connector not included), invalidating your warranty.  
INTERNAL CONNECTOR **£14.95**

## DISCS

### 3.5" SONY/JVC BULK GUARANTEED

10 for	£6.95
20 for	£13.00
50 for	£29.95

### BRANDED SONY 3.5"

#### MF2DD

10 for	£10.95
20 for	£20.95

### REPLACEMENT POWER SUPPLY

Provides up to 30% more power to cope with add-ons  
**£39.95**

## EDUCATIONAL SOFTWARE

Fun School 2, 2-6 years.....	12.95
Fun School 2, 6-8 years.....	12.95
Fun School 2, 8-12 years.....	12.95
Fun School 3, 2-5 years.....	15.95
Fun School 3, 5-7 years.....	15.95
Fun School 3, 7-12 years.....	15.95
Answerback Junior Quiz 6-11.....	14.95
French Mistress (12-adult).....	14.95
German Master (12-adult).....	14.95
Spanish Tutor (12-adult).....	14.95
Italian Tutor (12-adult).....	14.95
Mavis Beacon Typing, 12+.....	19.95
Let's Spell at Home (4-9).....	14.95
Let's Spell at the Shops (4-9).....	14.95
Primary Maths Course (3-12).....	19.95
Micro English (8-GCSE).....	19.95
Micro French (8-GCSE).....	19.95
Learn to Read with Prof., by Prisma <i>builds a complete reading course for 4 to 9 year olds. Assumes no initial reading ability.</i>	
1. Prof Plays a New Game.....	21.95
<i>includes audio tape, and 5 booklets</i>	
2. Prof Looks at Words.....	17.95
3. Prof Makes Sentences.....	17.95

## PRINTERS

All prices include 12 month guarantee, cable, a ribbon, VAT and delivery.

CITIZEN 120D PLUS.....	139.95
<i>Cheap 9 pin, with 2 NLQ fonts</i>	
PANASONIC KXP-1081.....	159.95
<i>Well built, NLQ in all sizes</i>	
STAR LC-10 MONO.....	169.95
<i>Four NLQ fonts, double height</i>	
PANASONIC KXP-1180.....	179.95
<i>Fast, 4 NLQ font printer</i>	
STAR LC-10 MONO MARK 2.....	189.95
<i>Fast version of the Mark 1</i>	
STAR LC-10 200 COLOUR.....	219.95
<i>Best value colour printer</i>	
STAR LC24-200.....	269.95
<i>faster 24-10 replacement 2</i>	
PANASONIC KXP-1124.....	259.95
<i>better print quality than the 24-10</i>	
STAR LC24-200 COLOUR.....	299.95
<i>Star's colour 24 pin</i>	

## PRINTER RIBBONS

**Compatible ribbons**

Amstrad DMP2000/3000 range.....	3.50
Star LC-10 Mono.....	3.95
Panasonic KXP-1080/1081/1124.....	3.95
Citizen 120-D/Plus/Swift 24.....	3.95

**Manufacturers original ribbons**

Panasonic KXP-1080/1081.....	6.95
Panasonic KXP-1124.....	7.95
Star LC-10 Mono.....	4.95
Star LC24-10.....	5.95
Star LC-10 Colour.....	5.95
Star LC-200 Mono.....	5.50
Star LC24-200 Mono.....	4.95
Star LC24-200 Long Life Mono.....	7.50
Star LC-200 Colour.....	10.95
Star LC24-200 Colour.....	11.95

**Heat Transfer Ribbons**  
*produces iron-on transfers*

Citizen 120-D.....	10.95
Panasonic KXP-1081.....	10.95
Star LC-10 Mono.....	10.95
Star LC-10 Colour.....	16.95

VISA

Access

PRICES INCLUDE VAT AND POSTAGE TO THE U.K.

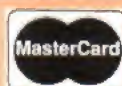
Education, Local Authority and Government orders welcomed.  
Overseas customers also welcome, please call or write for quotations.  
All goods subject to availability, all prices subject to change without notice. E&OE.

CALLERS WELCOME 9.30 TO 5.00 (6 days)

**M.J.C. SUPPLIES (AF)**

2 The Arches, Icknield Way, Letchworth, Herts, SG6 1UJ  
Telephone orders and enquiries: Letchworth (0462) 481166 (6 lines)

Fax: (0462) 670301



EUROCARD

Proprietor: MJ Cooper



## WARHEAD

Warhead is an impressive and atmospheric shoot-em-up – not to mention pretty tough! Here are details on the missions to keep you abreast of what you're up to.

## GENERAL HINTS

The best way to evade enemy missiles is to fly away backwards in front of them, keeping about 3000m away. This way the missiles will run out of fuel before they reach you.

Never fire your weapons or use quad jumps unnecessarily, otherwise you will not be called back to Solbase and will be forced to repeat the mission due to 'unauthorised use of quad jumps'.

When firing Proximit mines, you will notice that the first two are fired from the base of the ship and the next two from the top. To make sure that the mines have the most effect, raise the ship's nose slightly when firing the first two and dip it when firing the second two. This is not necessary for Laser Mines, since they have their own propulsion system.

To defeat the Berzerker, you have to make sure all your weapons hit him. To achieve this, fly backwards in front of him loosing off your shots. Always follow the mission advice and you should finish him off eventually.

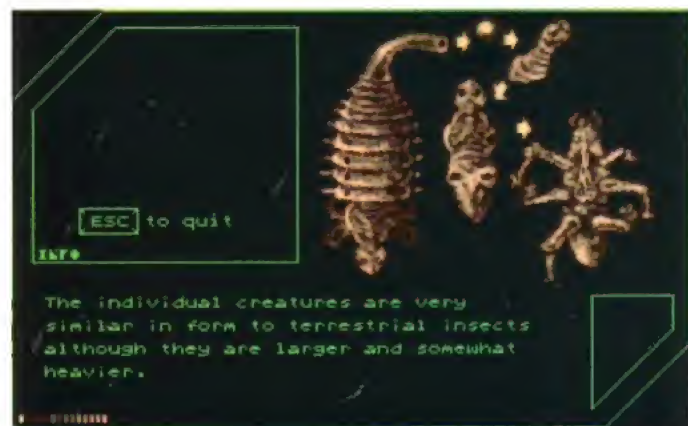
## THE MISSIONS

## MISSION 1

This is a test flight intended to get you used to the controls of the FOE-57. Just fly 4000m away from Solbase, turn around and use the beacons to guide yourself back in, all on the message prompts from the base.

## MISSION 2

This tests your Quad-Drive. Jump to Earth space and fly to the tech ships, where you will receive a cue to return to Solbase.



## GAME

## Busters

Well, Christmas is over and all those new Amiga owners are preparing for a titanic struggle on the road to success. A difficult task, I trust you'll agree. This is not the kind of quest a novice should undertake alone, so **MAFF EVANS** has a guiding light for you to take on your journey.

## MISSION 3

Fly out to Venus space with your new ordnance containing Stinger Missiles, loose them off at the ordained targets and return to Solbase at the prompt.

## MISSION 4

Fly out and test your MDC (Mass Driver Cannon), return to Solbase.

## MISSION 5

An emergency test of the PRM (Pilot Recovery Module).

## MISSION 6

Fly out and patrol Mercury Space.

## MISSION 7

Patrol disturbances in Triton Space. To complete this mission you must destroy a drone ship. Remember to send out a DGP (Data Gathering Probe) before you destroy it to get information for your data banks.

## MISSION 8

Engage unknown number of enemy (well, two A-Wings to tell



the truth) in Triton Space. Again, don't forget to use the DGPs to gather information.

## MISSION 9

This mission involves you protecting a group of four Corsairs until their support ship arrives. You will encounter some A-Wings which must be destroyed.

## MISSION 10

Unusual Radiation Levels are reported to be emanating from system CH-010, so you have to go and check. As soon as you get there you will find that it has turned into a black hole. Read the message on your computer and head back to Solbase.

Continued overleaf ↓





10 MARKET PLACE  
ST. ALBANS  
HERTS AL13DG  
TEL (0727) 56005/41396

# Hobbyte

THE GALLERY  
ARNDALE CENTRE  
LUTON, BEDS LU1 2PG  
TEL (0582) 457195/411281

COMPUTING  
ESTABLISHED 6 YEARS



## GAMES PACKS

**BATPACK, FLIGHT OF FANTASY, SCREEN GEMS FULL AMIGA 500 PACK, PLUS:** Batman Pack Software:

Batman, FTB Interceptor, New Zealand Story, DeluxePoint II

**OR** Flight of Fantasy software: F29 Retaliator, Rainbow Island, Escape from the Planet of the Robot Monsters, Deluxe Point II

**OR** Screen Gems software: Shadow of the Beast II, Back to the Future II, Days of Thunder, Nightbreed, Deluxe Point II

any one **£349** any two **£385** all three **£419**  
ANY SOFTWARE UPGRADE PACK  
for existing Amiga owners **£39**

## THE LOT!!

**EVERYTHING YOU COULD EVER NEED!!**  
**BATMAN, FLIGHT OF FANTASY OR SCREEN GEMS GAMES PACK AS LEFT, PLUS:**

**10 GREAT INDIVIDUALLY PACKAGED GAMES** - phone to choose from our current SUPER list of 15, or leave it to us!

**15 DISC HOBBYTE PD GREATS PACK**, including Virus Killers, the BEST Star Trek Computer Conflict, Breakout and construction Kit, Blizzard and other games, Arcade Classics, Board Classics, Shoot'em-Up Classics, Best of the Utilities, Home pack including Word Processor/Spell Check, Spreadsheet, Database

**DUST COVER, 10 BLANK DISCS, 80 CAPACITY DISC BOX, MOUSE MAT, MICROSWITCH TURBO JOYSTICK £399**

## HUGE TURTLES PACK

**BATMAN, FLIGHT OF FANTASY OR SCREEN GEMS GAMES PACK AS LEFT, PLUS: MIRRORSOFT'S TEENAGE MUTANT HERO TURTLES, STICKERS, TRANSFERS & POSTCARD**

**10 GREAT INDIVIDUALLY PACKAGED GAMES** - phone to choose from our current SUPER list of 15, or leave it to us!

**15 DISC HOBBYTE PD GREATS PACK**, including Virus Killers, the BEST Star Trek Computer Conflict, Breakout and construction Kit, Blizzard and other games, Arcade Classics, Board Classics, Shoot'em-Up Classics, Best of the Utilities, Home pack including Word Processor/Spell Check, Spreadsheet, Database

**DUST COVER, 10 BLANK DISCS, 80 CAPACITY DISC BOX, MOUSE MAT, MICROSWITCH TURBO JOYSTICK £419**

HOBBYTE EXCLUSIVE

4-9 YRS

## ABSOLUTE BEGINNERS PACK

**FULL AMIGA 500 PACK, PLUS:**

**POSTMAN PAT, SNAP, SNAKES AND LADDERS, LUDO FUN SCHOOL 2 AND FUN SCHOOL 3**

(specify under 6 years, 6 to 8 years, or 8+ years) (specify under 5 years, 5 to 7 years, or 7+ years)

12 stunning UK educational games with beautiful pictures, exciting animation and music that help to develop number, word and other skills. Up to 6 skill levels. Conform to National Curriculum requirements

**HOBBYTE EDUCATIONAL PACK**, featuring up to 12 'Learn while you play' games (varies according to age group)

**HOBBYTE 30 EASY CHILDREN'S GAMES**, 10 disc pack inc: Train Set Game, Kylie Demo, Michael Jackson Demo, Flashier, JOYSTICK

**ABSOLUTE BEGINNERS SOFTWARE PACK** for existing Amiga users **£369 £49**

HOBBYTE EXCLUSIVE

## FIRST STEPS

**EXPANDED EDUCATIONAL/APPLICATIONS PACK FULL AMIGA 500 PACK, PLUS:**

AS01 512K RAM expansion  
Lets Spell at Home, Music Mouse, Prowrite WP, InfoFile spreadsheet, Deluxe Point II, Deluxe Print, Music Mouse, LOGO, Talking Turtle, BBC Emulator, 5 BBC programmes, 10 discs, DOs and DON'Ts poster, Resource File, In Pack Video, NAPE Booklet.

**HOBBYTE EDUCATIONAL PACK**, featuring up to 12 'Learn while you play' games (varies according to age group)

**HOBBYTE 30 EASY CHILDREN'S GAMES**, 10 disc pack inc: Train Set Game, Kylie Demo, Michael Jackson Demo, Flashier JOYSTICK

**£529**

## COMMODORE CDTV

**VERY LIMITED STOCKS EXPECTED SOON, RESERVE YOURS NOW £ - phone**

## VIDEO GRAPHIC PACK

**FULL AMIGA 500 PACK, PLUS:**

Vidi-Amiga, Vidi-Chrome, Deluxe Point II

**15 DISC HOBBYTE PD GREATS PACK**

including Virus Killers, the BEST Star Trek Emerald Eater, Bionics, Computer Conflict, Breakout and construction Kit, Blizzard and other games, Arcade Classics, Board Classics, Shoot'em-Up Classics, Best of the Utilities, Home pack including Word Processor/Spell Check, Spreadsheet, Database

**15 DISC HOBBYTE PD GRAPHICS GREATS**, including demos -Carra, etc, clip art, TV and Video graphics, graphics utilities **£489**

## B2000 OR 3000

B2000 BASE UNIT  
B2000 WITH 2091/2094 40 MB  
HARD DRIVE + EXTRA 2MB RAM  
A3000

CALL FOR PRICES

**AMIGA B2000 & 3000 -THE EXPERTS  
CBM PREMIER DEALER**

**PHONE US LAST FOR BEST POSSIBLE DEALS**

## NO DEPOSIT CREDIT FACILITIES (UK mainland)

Credit terms at 34.8% APR (variable) can be arranged for purchases over £150, subject to status. Competitive leasing schemes are also available for businesses, including sole traders and partnerships. Just tel for written details and application form.

**COMMODORE 1084S OR PHILLIPS 8833 COLOUR MONITOR, LEADS AND DUST COVER £220 WITH ANY PACK  
STAR LC 200 COLOUR PRINTER AND LEADS £190 WITH ANY PACK**

## CLASS OF THE 90S

**EDUCATIONAL/APPLICATIONS PACK FULL AMIGA 500 PACK, PLUS:**

AS01 512K RAM expansion MIDI Interference, Deluxe Point II, Superbase Personal, Maxiplan 500, Publisher's Choice, Dr T's MIDI Recording Studio, LOGO, BBC Emulator, 5 BBC programmes, 10 blank discs, mouse mat, disc wallet.

**HOBBYTE EDUCATIONAL PACK**, featuring up to 12 'Learn while you play' games (varies according to age group)

**HOBBYTE 30 EASY CHILDREN'S GAMES**, 10 disc pack inc: Train Set Game, Kylie Demo, Michael Jackson Demo, Flashier, JOYSTICK

**CLASS OF THE 90S SOFTWARE UPGRADE PACK** for existing Amiga owners **£529 £195**



## AMIGA 1500

Twin Floppy 1MB RAM, Mouse, expansion as B2000, 1084SD Monitor with: The Works Platinum database WP, Spreadsheet, Deluxe Point II, Sim City, Populous, Thief, Finest Hour, Battlechess, A-Z of Computer Jargon, Get the most out of your Amiga: manuals and operating discs

**15 DISC HOBBYTE PD GREATS PACK**, including Virus Killers, the BEST Star Trek Computer Conflict, Breakout and construction Kit, Blizzard and other games, Arcade Classics, Board Classics, Shoot'em-Up Classics, Best of the Utilities, Home pack including Word Processor/Spell Check, Spreadsheet, Database **£969 £769**

**WITH T.V. MODULATOR NO MONITOR**

## EXTRAS inc VAT

CBM 1084SD or Philips 8833 Monitor, with leads ..... £227  
AS01 the Official CBM 512K RAM Expansion + Coprive ..... £59  
512K RAM expansion + clock ..... £39  
Amiga 590 Hard drive + extra 1MB ..... £329  
Amiga 590 Hard drive + extra 2MB ..... £369

## PRINTERS ex VAT All UK versions

Star LC10 ..... £149  
Star LC10 Mk II ..... £169  
Star LC10 Colour ..... £189  
Star LC200 Colour ..... £195  
Star LC 24-10 ..... £229  
Star LC 24-200 ..... £239  
Panasonic 1180 ..... £149  
Panasonic 1124 ..... £239  
Star XB 24-10 ..... £459  
Citizen 1200 ..... £135  
Citizen Swift 24 ..... £299  
Olivetti PG306 laser ..... £369  
Olivetti PG306 laser postscript ..... £1649

## Full Amiga 500 pack

All A500s feature FAT AGNUS, and are full and complete UK spec. packs with mouse, software, leads, modulator (except where ordered with a monitor) and documentation. Beware of imports which CBM(UK) will not support or upgrade with enhanced chip set

## COMMODORE PREMIER DEALER

Hobbyte proudly announce this highest CBM accolade, awarded to only the top few dozen CBM dealers offering the best in expertise and support.



## ORDERING :

**TELESALES NO: (0727) 56005**

Next day delivery for credit card orders placed before 4.00pm subject to availability. Alternatively send cheque, postal order, bankers draft or official order (PLCs, Education and Government bodies only) to: Dept. AF1, Hobbyte Computer Centre, 10 Market Place, St. Albans, Herts AL13 5DG. Please allow 7 working days for cheque clearance. Subject to availability, despatch is normally within 24 hours of receipt of cleared payment.

**DELIVERY CHARGES:** UK Mainland (not Highlands)  
Small consumables & software items Despatched by post, please check charges when ordering  
Other items, except lasers Next day courier service, £10 per box  
Laser printers Next day courier service, £17.50  
Offshore and Highlands Normal rate plus £20 + VAT per box  
In addition we offer the following express services:  
Saturday deliveries Normal rate plus £10 + VAT surcharge  
7am to 9am next day Normal rate plus £10 + VAT surcharge

**CALLERS WELCOME AT OUR BRANCHES open 9-5.30, Monday to Saturday and 10 to 4.00 Sunday**

All prices, except where stated are inc. VAT. Prices are subject to change without notice. E. & O. E.

TELE. ORDER (0727) 56005



**MISSION 11**

Follow up some information received about enemy movements in Alpha Centauri/Banks Space. Patrol the area, read the message and return to Solbase.

**MISSION 12**

Go to Nivery/Tau Ceti and investigate the New Fighter design. When you come across an unknown object, launch a DGP at it to get info. You will then be told that it is a C-Wing. As soon as you have the information, quad jump back to Solbase.

**MISSION 13**

In this mission you must go and check on a convoy of ships. When you get there, get up close to the lead ship (between 5-100m). He will then charge up his ship enough for him and his convoy to make a quad jump.

**MISSION 14**

A C-Wing has broken through Solbase's outer defences and has now penetrated Mars Space. Hunt it down and destroy it before returning to Solbase.

**MISSION 15**

Test out the new proximity mines in Venus Space by firing them towards the dummy targets then heading back to Solbase.

**MISSION 16**

This is the first time you will meet the Berzerker. Throw all the weapons you can at him – making sure that they all hit home. When he threatens 'Leave this space, creature – before I eat you,' quad-jump back to Solbase. Whatever you do, make sure that you dodge his missiles.

**MISSION 17**

Observe the Berzerker in Tau Ceti/Protector Space. Watch him and see if you can get a drone squadron with the DGPs, then get out of there when the Berzerker speaks. When he follows you, fling the whole gamut of your ordnance at him, making sure that they all hit him. Once you are recalled, head back to Solbase.

**MISSION 18**

A doddle. Just a routine patrol of Kruger-60 Space.

**MISSION 19**

If all went well in the last two meetings with the Berzerker, he will appear in Pluto Space. Keep out of his way and attack him with all your weapons from a distance. If you get another good strike in, he will come up with "You and you alone have annoyed/hurt me. I



shall destroy you". He will then quad-jump out and disappear.

If the last two meetings didn't quite go right, then the Berzerker will appear in Earth Space and blow up planet Earth, in which case it's time to get the old save-game disk out and reload!

**MISSION 20**

On a routine patrol of Sigma Draconis you will meet the Berzerker once again and be called back to Solbase.

**MISSION 21**

You will be asked to check out emergency signals that are being received from Alpha Centauri/Wasp. The hassle is once again from the Berzerker. Once you meet him you will be called back to Solbase.

**MISSION 22**

You must investigate a distress call from a medical convoy and – guess what? It's the Berzerker again! When you come across him you will be recalled again.

**MISSION 23**

This time the Berzerker starts to get serious. Quad-jump to CH-010 so that the Berzerker follows you and wait for him to get sucked into the black hole. Wait for it to change colour and return to Solbase once you get the message for suitable congratulations.

**MISSION 24**

Patrol Proxima Centauri/Goldenman where you will run into three C-Wings. Destroy them and return to base at the prompt.

**MISSION 25**

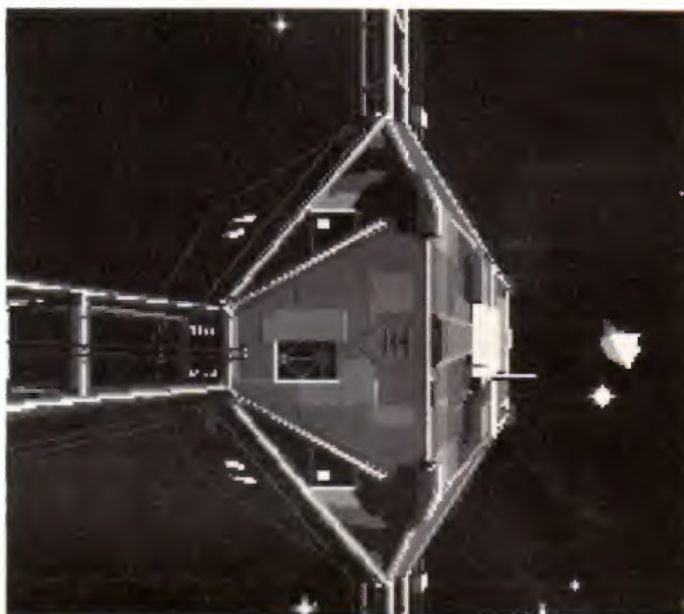
Check out the new ship amongst the planets of Sirius (you should find it around Sirius two or three). Use a DGP to see it is an H-Wing.

**MISSION 26**

Intercept the ship hovering around the Earth's moon. You will find that it is an H-Wing that can be damaged but not destroyed.

**MISSION 27**

You must protect a fuel freighter that is travelling to Solbase. Don't



waste any time getting out to it, otherwise it will be destroyed by enemy ships (mostly C-Wings).

**MISSION 28**

Investigate activity in the Tau Ceti system. Start from Mote and work your way to Foot. Before you quad-jump anywhere, make sure that you are completely stationary, otherwise you will be destroyed when you arrive at Mote. When the missiles have been destroyed, quad-jump every so often towards Foot, where you will be told to return to Solbase.

**MISSION 29**

Investigate the single vessel in the Barnard's/Ptolemy system.

**MISSION 30**

Follow the other FOE-57 fighters to Kruger-60 space. When the H-Wing tries a sneak attack, use all your weapons (including the MDC) to destroy it, then follow the flight leader's instructions.

**MISSION 31**

Destroy all vessels in the Tau Ceti/Gift system. All the egg carriers must be destroyed.

**MISSION 32**

Destroy all the ships in the Scorpion Nebula. Use your tactical display to filter out any interference from the Nebula. You will

also (luckily) come across the Sirian cloaking device.

**MISSION 33**

Test the new X-Ray Laser Mines in Venus space.

**MISSION 34**

Use all the weapons at your disposal to destroy the ships massing in Saturn/Titan space.

**MISSION 35**

The Sirian fleet has penetrated through to Solbase and is outside the base. Fly out to battle them, taking on the H-Wings first. Once all the ships have been destroyed, go back and dock with Solbase.

**MISSION 36**

Test the Pseudostellar Warhead missiles in Venus space. But be careful – they're very dangerous.

**MISSION 37**

Destroy the remnants of the Sirian fleet in Earth space with all the weapons you have.

**MISSION 38**

The final task: follow the super freighters from Pluto to Sirius Five and whatever you do, destroy the clone ship. Now you can sit back and enjoy the end sequence.

Robert Dowell  
West Charleton, Devon  
Continued overleaf

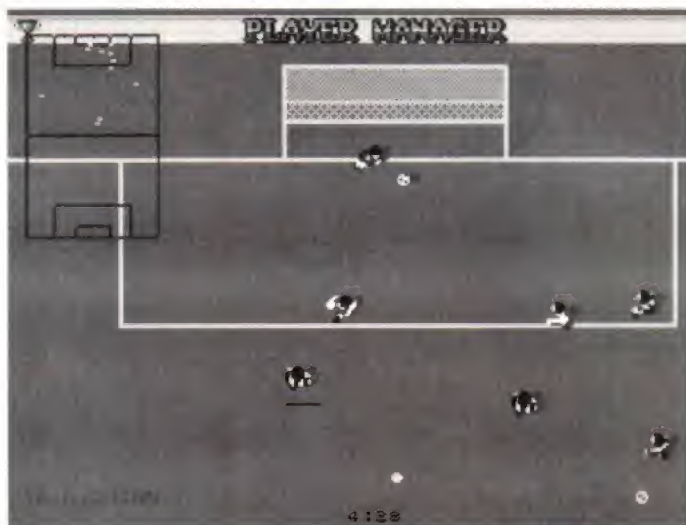


## KICK OFF 2

Is your opponent's goalkeeper stopping too many of your shots? Well try this little cheat to put the odds in your favour.

Run along the function keys (that is press them, not stick your feet on the keyboard) and S12 or S14 should appear in the top right-hand corner of the screen. You will now be able to substitute one of your players for your opponent's goalie. The sub goalie is more often than not pretty rubbish and if you repeat the process he will be even worse.

Alan Hunt  
Norwich, Norfolk



**ABOVE:** Get a look at the first working cheat for *Kick Off 2* that we've ever come across and make the opposing goalie crap!  
**BELOW:** Complete solution for *Time Machine*, thanks to Vivid Image.

## TIME MACHINE

Anyone who has read such classic science fiction as Ray Bradbury's *Sound of Thunder* knows about the delicate balance of time, so players of Vivid Image's time-travelling adventure must make sure they get everything right. To make extra certain, here are some tips to help you courtesy of Vivid Image themselves.

First off, to get the cheat mode active enter your name on the score table as DIZZY. You will then have infinite lives and access to any of the zones. You can also select particular screens in a zone by pressing A or S.

### SOLUTION

All the zones and screens in this solution are referred to as two



numbers. For example, 1-3 refers to zone one, screen three.

The game starts off by the geysers at 1-3.

### CREATION OF ZONE TWO

**1** To start with, you must transport the mammals (aahh!) to the cave in 1-5.

Go to 1-2 and place a travel pod there. Go to 1-5, using the Pterodactyl to cross the river, and place another travel pod by the cave. Go back to 1-3 and stun a mammal with your beamer. Stand next to the stunned mammal so that it is displayed in the look



window, then transport yourself and the mammal to the cave in 1-5. Repeat this process a number of times to stock up the cave (you can put up to 16 mammals there and you can transport them even after creating zone two).

**2** Go back to 1-3 and block up the geysers and Zone Two will now be created.

### CREATION OF ZONE THREE

**1** The first objective is to make a fire by the cave in 1-5 to keep the apemen warm. Place a pod by the cave, remembering

that fires last longer in the green area. Go to 2-2 and find wood to transport to 2-5. Go to 2-1 and stand in the middle of the screen on the solid patch.

Go back to 1-1 in the first zone and transport the flame to 2-5 to ignite the wood. If the fire goes out then just reignite it.

**2** Now you must unblock the geysers to warm up the planet. The Yeti doesn't like warm weather and so will try to keep the geysers blocked. Distract him by feeding him fish from 3-4 and apples from 1-2. Once you succeed in unblocking the geysers you will have created Zone Three.

**3** Now you need to plant seeds in 2-4. Place a pod on the river bank (in the green area by the existing plants) and transport apples from 1-2. Repeat this for both river banks.

### CREATION OF ZONE FOUR

The main task before you is the transportation of the round wheel from 3-2 to 3-5.

If you planted the seeds in 2-4, then you should now have trees in 3-4. You need to take the wheel across the river, so you must break the branches of these trees to form a bridge.

Use the Pterodactyl in zone one and as you cross the river-change zones so that you drop onto the branches. Repeat this for the branches on both sides of the river and you can then take the wheel across. There is, however, an even more sneaky way of

**Continued on Page 105**

## LOTUS ESPRIT TURBO CHALLENGE

If you're having trouble qualifying, then simply select a two player game, enter player one's name as: IN A BIG COUNTRY, and player two's name as: FIELDS OF FIRE. (That's enough Big Country albums - Ed). Now you can qualify even if you don't finish in the top ten.

If that's not enough, then enter MONSTER as player one and SEVENTEEN for player two. You should be able to get into a bonus game!

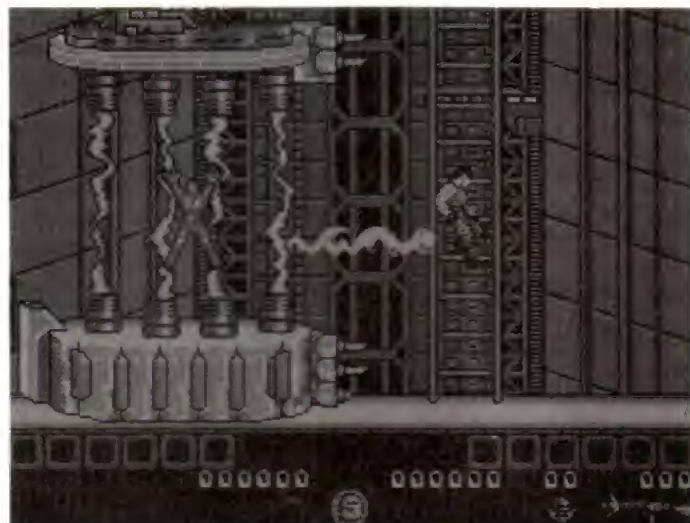
Mike Mee  
Rhuddlan, Clwyd



## MIDNIGHT RESISTANCE

If you're not a suitable 'hard man' and can't whup the enemy good, then type in: ITS EASY WHEN YOU KNOW HOW (including spaces) for infinite everything. This should make defeating King Crimson a much easier task.

Jonathan Hill  
Highstorr's, Sheffield





# X-COPY PROFESSIONAL

The essential package for all your BACK-UP needs!  
Now includes HARD DISC BACKUP & FILE BACKUP.



\*The most comprehensive back up utility \*includes floppy disc backup, hard disc backup and file backup. \*Also backs up ST, IBM etc discs. \*Checks discs for errors. \*Optimises data for faster loading. \*Fast formatting. \*Copies up to 4 discs in 48 seconds. \*Full update service available.

X-COPY PROFESSIONAL caters for all your needs, included in the package is a small hardware interface that plugs into the external disc drive port at the rear of the Amiga and your external disc drive (if you have one) plugs into the back of the interface. This allows the DIGITAL BIT IMAGE COPY MODE to use the ADAPTIVE PULSE WIDTH MODULATION routines to backup virtually all known discs.

**AVAILABLE NOW ONLY £39.99** PLUS £1.00 POSTAGE AND PACKING

**1988 COPYRIGHT ACT.** Siren Software neither condones nor authorises the use of its software for the reproduction of copyrighted software. The facilities offered by X-Copy Pro are intended to back up users own software, PD Software & other such programs where permission had been given. It is illegal to make copies of copyrighted material without the permission of the copyright holder.

**X-COPY PROFESSIONAL IS THE BEST, GUARANTEED**  
**OUR GUARANTEE:- At time of purchase, if your can find a program that is more powerful than X-COPY PRO we will refund your money.**

## Ordering X-COPY PROFESSIONAL

Access/Visa orders can be placed by telephoning 061 228 1831. For mail order, fill in the order form and send with a cheque or postal order to:- Siren Software, 84-86 Princess St. Manchester M1 6NG. England.



Name .....

Address .....

.....

.....

.....



# WeServe of Hampshire

Best for service

## Star

LC10 ribbon £4.60 inc.  
Black ribbon £6.32 inc.  
Colour ribbon £12.65 inc.



**LC10 Mono**  
£149.00 (£129.56 + VAT)  
**LC200 Colour**  
£199.00 (£173.04 + VAT)  
(with Cable & Paper)

**Panasonic KXP1081**  
with cable & paper  
£142.00 (£123.48 + VAT)

**Star LC2410**  
(24 pin) with cable & paper  
£199.00 (£173.04 + VAT)

**Panasonic KXP1180**  
with cable & paper  
£152.00 (£132.17 + VAT)

**Star LC24-200**  
(24 pin) with cable and paper  
£239.00 (£207.83 + VAT)

**Panasonic KXP1123**  
(24 Pin) with cable & paper  
£205.00 (£178.26 + VAT)

**Star LC24-200 Col.**  
(24 pin) with cable and paper  
£279.00 (£242.61 + VAT)

### PRINTERS

**Inc. VAT**  
Citizen 180E ..... £149.00  
Citizen 124D (24 pin) ..... £219.00  
Epson LX400 ..... £144.90  
Epson LQ400 (24 pin) ..... £227.00  
Epson LQ550 (24 pin) ..... £325.00  
Swift 24 Colour option ..... £36.00  
XB24-10 Colour upgrade ..... £37.95  
Printer prices inc. cable & paper

**Citizen 120D+**  
with cable and paper  
£125.00 (£108.70 + VAT)

**Citizen 124D**  
with cable and paper  
£219.00 (£190.43 + VAT)

**A590 20M Hard Disk**  
£269.00 inc VAT

**Swift 24**  
with cable and paper  
£275.00 (£239.13 + VAT)

**Class of 90's**  
£529.00 inc VAT

**Epson LX400**  
with cable and paper  
£144.90 (£126.00 + VAT)

**Screen Gems Pack**  
£359.00 inc VAT

**CBM 1084S**  
with cable  
£259.00 (£225.22 + VAT)

**1/2 Meg ram + Clock**  
£35.00 inc VAT

**Philips CM8833 Mk 2**  
£229.00 (£199.31 + VAT)

### Accessories

**Inc VAT**  
Joystick/Mouse twin extension...£4.60  
3M Joystick/Mouse 3M ext.....£3.65  
A500 Printer lead.....£7.95  
A500 to Philips CM8833 lead...£7.95  
Modulator/Disk Extension.....£10.95  
23 Way Plug or Socket.....£3.45  
A500 Dust Cover.....£4.60  
Mouse Mat (thick soft type).....£4.95  
A501 Memory Upgrade/Clock...£49.00  
AdRAM 540 0-4M Ram/Clock...£139.00  
KCS Powerboard 740K & IBM...£285.00  
Contriver Mouse C820/30.....£25.00  
Marconi RB2 Tracker ball.....£49.00  
Vidi video frame grabber.....£110.00

**Cumana CAX354**  
External 1M Drive  
£65.00 (£56.52 + VAT)

**1M Drive Internal**  
£57.50 (£50.00 + VAT)

### Printer/Monitor Ass.

**Inc VAT**  
Tilt/Swivel Monitor Stand.....£15.95  
Star LC10 Sheet Feeder.....£59.00  
Star LC2410 Sheet Feeder.....£59.00  
Citizen 120D Sheet Feeder...£69.00  
Star XB-24-10 Sheet Feeder...£95.00  
Philips AV7300 TV Tuner.....£69.00  
CM8833 Tilt/Swivel stand.....£21.00  
Copy Holder Angle Poise.....£17.95

### Software etc.

**Inc VAT**  
BBC Basic Emulator.....£32.00  
D G Calc - Digita Internat.....£34.50  
F29 Retaliator - Ocean.....£19.80  
Fun School 2 (for 6-8 years)...£15.50  
Fun School 2 (for under 6y)...£15.50  
Fun School 2 (for over 8y)...£15.50  
Home Office for the Amiga...£109.00  
Kidtalk - First Byte 4-13y...£20.50  
Mathtalk - First Byte 5-13y...£20.50  
Photo Paint - Micro Illus.....£19.95  
Protext - Wordprocessor/Sp...£73.00  
Superbase Personal (Datab.)...£29.00

### Printer Ribbons

Phone for full range 100 + original & Compatible ribbons + Bulk discounts

### DISKETTES

(lifetime warranty)  
(100% certified error free)

**Inc VAT**  
10 3.5" 135tpi DS/DD.....£6.44  
50 3.5" 135tpi DS/DD.....£30.25  
100 3.5" 135tpi DS/DD.....£59.80  
50 Disk box hinge and lock.....£5.95  
100 Disk box hinge and lock...£6.95

Phone for ST Software catalogue.  
Many titles inc. Educational.

Phone for our 36 page catalogue

**EDUCATIONAL AND GOVERNMENT ORDERS WELCOME**  
All products have a 30 day money back & 12 month warranty.  
Prices subject to variation without prior notification.  
We are closed Saturday afternoons.  
Postage 92p (80p + VAT) Securicor £6.90 (£6.00 + VAT)

**WeServe**



Larger items delivered by Securicor



Amiga/F Dept  
40-42 West Street,  
Portchester, Hants.  
PO16 9UW  
Tel: 0705 325354

# N.U.R.D. SOFTWARE

6 CHAUCER COURT  
WENDOVER ROAD  
STAINES MIDDX.  
TW18 3DP



TEL: MON-SAT

0784 454214

MON-FRI 9AM-4PM

081-890 3296

THIS IS A MESSAGE FROM THE No. 1 NURD

*Hi, welcome to the world of Nurd.  
All you have to do is forget the rest  
because our top twenty is the best.  
So send your money to invest  
for ACTION, SKILL or ADVENTURE QUEST.*

## THE NURDS TOP TWENTY

In no order, plus many more  
Please ring for availability  
to save disappointment

1. **Indy 500** .....£17.99
2. **Golden Axe** .....£17.99
3. **Kick Off 2** .....£16.99
4. **Corporation**.....£16.99
5. **AMOS** .....£34.90
6. **F-19**.....£19.90
7. **Wings (1 meg)** .....£19.99
8. **Supremacy** .....£19.90
9. **Cadaver** .....£16.99
10. **Immortal** .....£16.99
11. **Days of Thunder** .....£16.99
12. **Killing Game Show** .....£16.99
13. **Operation Stealth** .....£16.99
14. **Lotus Turbo Esprit** .....£16.99
15. **Stun Runner**.....£16.99
16. **Robocop 2** .....£17.99
17. **Strider 2** .....£17.99
18. **Monty Python**.....£16.99
19. **Ninja Turtles** .....£17.99
20. **Vaxine**.....£16.99

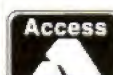
Please make your cheques/P.O. payable to  
Nurd Software.

Same day despatch if in stock.

So phone and chat to the Nurd now!

We are here to help.

Amiga 500 and ST at competitive prices



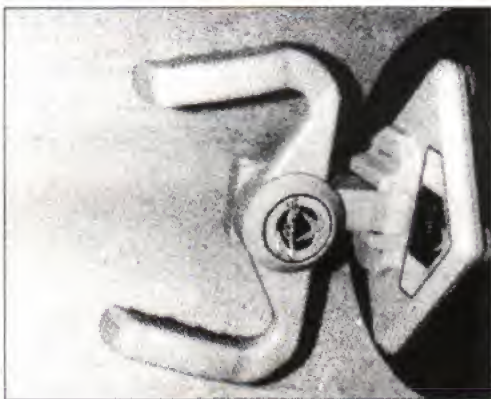
**CREDIT CARD HOTLINE**  
0784 454214





# THE ALL NEW AMIGA ANALOG ZOOMER® YOKE

Precision analogue self centering yoke with custom potentiometers. Two fire buttons and trims. Includes digital mode with precise switching. Nylon construction, Long cable. Analogue compatible with F19, Flight Simulator 2 and Mig 29 Fulcrum. P.C. version with throttle available.



**Ideal Gift for Christmas**

**ZOOMER® Foot pedals available soon**

Ring for availability

Available at the 16 Bit Show - 4-5-6 Jan

**ONLY £57.95**

## LIGHT AIRCRAFT SIMULATOR

Features accurately simulated Chipmunk and Cessna Light aircraft, with authentic instrument panels and flight dynamics. Suitable for serious procedure training as well as constructive entertainment. Complete with air charts, compatible with Analog Zoomer.

Available January. Send S.A.E. for details

**RING NOW!  
(0272) 550900**

with your Access, Visa or American Express Card number

**Fax: (0272) 411052**

*R.C. Simulations*

Beehive Trading Estate,  
Crews Hole Road, St. George, Bristol BS5 8AY

# AMIGA 500 MAMMOTH 1/2 MEG UPGRADE

**LATEST DESIGN INCORPORATES 'CHIPMEN' OPTION AT NO EXTRA COST!**

- Increases computer memory from normal 1/2 megabyte to 1 megabyte
- Includes disable switch/incorporates high quality silver coated pin connector
- 16 bit technology
- Fit in minutes
- Direct replacement of Commodore A501 expansion
- Includes "CHIPMEM OPTION" - Phone for details
- 12 month warranty
- In stock now!

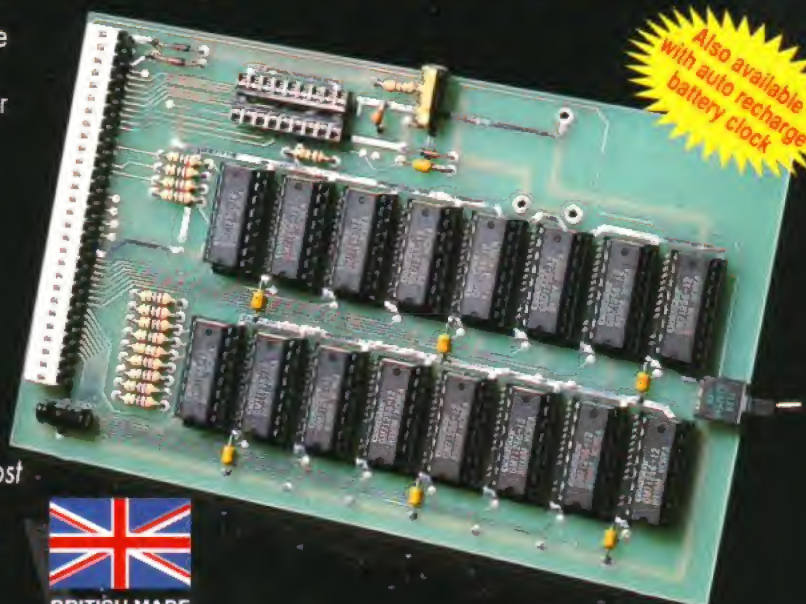
**£29.00**

Price includes VAT and post and packing

**Tel: 0582 491949**



BRITISH MADE



Also available  
with auto recharge  
battery clock

Send order with payment to:

**WTS ELECTRONICS LTD, Chaul End Lane, Luton, Beds LU4 8EZ**





### Please Read: Terms of Sale.

We are the longest established Atari dealer in the UK. We have developed an extensive customer service policy which means that we test all Hardware/Software prior to despatch to ensure that goods arrive in working order. Although our prices are not always the cheapest we do endeavour to offer consistently good service and backup. This isn't just our opinion, we were voted 'Best Dealer 1989' by the readers of ST World magazine, not for 'the number of boxes shifted', but for quality service.

All prices are correct at copy date 12/12/90, and are subject to change without prior notice. All prices are accurate while stocks last. Phone for up to date prices. All prices include VAT, there are no hidden extras (WYSIWYG). Delivery (in Mainland UK) is free, on orders over £100 (add £10 for next day courier delivery). All prices available on Mail Order. Shop prices may differ.

## Star Printers

<b>Star LC-200</b> <b>£219.99</b> 7 Colour printer Colour + mono ribbon supplied 226 cps 5 Resident NLQ fonts Bottom feed Push or pull tractor feed Paper parking	<b>Star LC24-200</b> <b>£249.99</b> 24 Pin printer 222 cps 5 Resident LO fonts Accepts font cartridges Bottom feed Push or pull tractor feed Paper parking	<b>Special Citizen Swift</b> <b>£319.99</b> 24 pin printer 192 cps Includes colour upgrade Bottom feed Push or pull tractor feed 4 LO fonts Accepts font cartridges
---	--	---

All Star Printers carry 12 months on site warranty/Mainland UK. All printers include IBM Centronics cable. Phone for ribbons, paper and printer stands.  
 64K buffer 3 input switch £79.99  
 256K buffer 3 input switch £149.99

Phone for details of Star FR and XB ranges.

## RAM Upgrades

- ★ Memory enable/disable switch
- ★ Compact, low power design
- ★ Optional battery backed clock

**512K Board £34.99** With clock £39.99

## Amiga A500 Packs

A500 Batman Pack	£369.99
A500 Screen Gems Pack	£369.99
Any of above packs + Tenstar games, joystick, mouse mat	£399.99

## Peripherals

Amax+Rom's	£224.99
Macintosh emulator including 128K Macintosh ROM's.	
Trak Ball	£24.99
Trak ball converted to work as mouse on the Amiga.	
A500 d/cvr	£3.99
3.5" 2nd drive	£59.99
Mastersound	£34.99



## Quality 3.5" Disks



Quantity	Unbranded		Sony Branded
	Loose	Boxed	Boxed
10	£5.99	£6.99	£9.49
100	£48.99	£57.99	£84.99

All disks carry an unconditional lifetime guarantee. Please add 75p P&P for each pack of ten

## Monitors & Tv's

CM 8833	£249.99
Philips stereo, colour monitor.	
1084S	£269.99
Commodore stereo, colour monitor (limited offer)	
15" FST Tv	£269.99
Philips 15-GR-2530105-B, FST, Remote, Scart input, Teletext Tv with 60 tuner presets.	
All above include Scart cable	

## Cumana CAX 354

- ★ Data enable/disable switch
- ★ Daisy chain "through" connector
- ★ Low power consumption

**Only £64.99**

Please add £3 P&P

## A4 Flat bed scanner

- ★ 200 DPI scanner, thermal printer, and photocopier.
- ★ Upto 16 grey scales or B/W mode. Compatible with Amiga and ST.

**Only £449.99**

# Kawai Fun Lab Music System



### Amiga MIDI interface

1x MIDI IN  
2x MIDI OUT  
Colour matched to Amiga

### Keyboard FS680

- 61 Full sized keys
- 100 preset sounds
- 16 bit PCM quality
- 100 preset rhythms
- 32400 sound combinations
- ONE-FINGER AD-LIB
- 2x Stereo speakers
- Effects: Chorus, Sustain, Pitch up/down
- 2x MIDI cables

### Amiga Software

- 5 Track sequencer
- 5 channel mixer
- Quantization
- Left/right locator
- Auto loop
- Graphic notation
- Lyrics(KARAOKE)
- Registration page
- Synthesizer editor

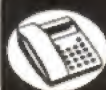
Funlab Music System for Amiga including: MIDI interface, FS680 Keyboard, Midi cables and software.

**For Amiga £330**

Kawai Music system for ST including FS680 keyboard, MIDI cables and Midistudio sequencer software.

**For ST £330**

Funlab Junior is available for the Amiga priced £230. Phone for details.



**How to Pay**  
You can phone your Access or Visa card details or send a cheque/postal orders made payable to Ladbroke Computing International. Please allow sufficient clearance time for cheques.



**(0772) 203166 Fax 561071**

Shop & Mail order premises: 33 Ormskirk Road, Preston, Lancashire, PR1 2QP Open Monday to Saturday 9:00am to 5:00pm. Dealer enquiries welcome. Ladbroke Computing International is a trading name of Walton Marketing Limited. All trade marks recognised.



taking the wheel across. Carry it to 3-3 and enter the hut. You will now reappear in a hut in 3-5. Now just walk up to the square wheel and drop the round wheel. Talk about re-inventing the wheel!

### CREATION OF ZONE FIVE

**1** The first thing you have to do is destroy Goliath.

Get a powder barrel from 4-5. To avoid the cannon ball, stand in the middle of the screen in 3-5 and change to zone four. Take the barrel to 4-4 and drop it as near to the right of the bridge

### REPAIRING THE TIME MACHINE

**1** To start with you need to recover the crystal for the time machine.

Kill a few terrorists in 5-5 and wait for a bomb. Transport this bomb to 1-1 by the rock with the crystal in it and ignite it to dislodge the crystal from the rock. You won't be able to find the crystal in the swamp as it is too deep, but you can find it in 2-1 if you search for it.

Place a pod in front of the time machine and transport the crystal to it.



as you possibly can. Place a pod near the barrel and wait for Goliath to get near to it. Now transport a flame from 1-1 to ignite the barrel and, in the ensuing explosion, destroy Goliath.

**2** Now you have to reveal the oil source.

Take another barrel from 4-5, take it to 4-1 and drop it by the moving rock - this is the oil source that you are looking for. Place a pod near the barrel and ignite it to dislodge the rock and reveal the source.

**2** Now you need to switch power to the time machine.

There is a power switch on top of the building above the VID OIL sign in 5-1. Use a Pterodactyl to land on top of the building and beam at the switch to turn the power on and off. However, you must make sure that the crystal is in the time machine before you switch the power on.

Once the crystal is in place and the power is on, just get inside the time machine and do a pick up and you will have completed the adventure.

### WINNERS

Just two £50 vouchers to send out this month, since the *Time Machine* tips were sent in by Vivid Image themselves and they're not having one of these valuable items, oh no! The lucky winners this month are Paul Charters for his *Immortal* hints and Robert Dowell for his extensive *Warhead* tips.

If you fancy making yourself a bit of money for nothing, then why not come up with some spiffy tips on a hot game and send them in to GAMEBUSTERS, Amiga Format, 30 Monmouth Street, Bath BA1 2BW. You could be well rewarded for your trouble!

## THE IMMORTAL



If those quests are proving too much for those one-meg ownin', troll slayin', adventurin' (*that's enough "in's" - Ed*) players out there, then here are a few hints to help you out.

### CODES TO HIGHER LEVELS

2	befe810006f70
	or cddff10006f70
3	cc5ee21000e10
4	465fa31001eb0
5	b57f943000eb0
6	1bbeb53010a41
7	8ddfb62010ac1
8	e011f730178c1

### HINTS

#### LEVEL 4

Walk around the ring on the floor clockwise three times in order to open the floor.

#### LEVEL 7

When the Norlac dives underwater, you must hurry back and throw yourself into the whirlpool rather than climbing the ladder.

#### LEVEL 8

To defeat the dragon and Mordamir use six BLINK spells, then use the fire protection just before he breathes fire, not when he takes a quick breath. When he pauses hold up the amulet and Mordamir will spin in. Use the STATUE spell three times to stop being killed by lightning, then just as he starts the next spell put up a SONIC spell. Use STATUE twice more and when he animates the bones hit the statue just before they reach you. He will now say that you have no more defences, so wait until he holds up the amulet then cast the MAGNETIC spell. And there you have it - a completed adventure.

Paul Charters  
Caterham, Surrey





# Evesham Micros

ALL PRICES INCLUDE VAT AND DELIVERY

## 3 1/2" EXTERNAL DRIVES



- Very quiet
- Slimline design
- Cooling Vents
- Sleek, high quality metal casing
- Suits any Amiga
- Quality Citizen drive mechanism
- On / Off switch on rear of drive
- Full 880K Formatted capacity
- Throughport connector
- Long reach connection cable

Amazing low price!

**£54.95**  
including VAT  
and delivery

5.25" External 40/80 Track Drive also available, only £99.00

## AMIGA ACCESSORIES

Philips CM8833 Mk.II colour monitor including cable & 12 months on-site warranty ...	£249.00
Vidi-Amiga video digitiser package .....	£95.00
Vidi-Chrome colour accessory for above .....	£16.00
Vidi-RGB splitter accessory unit for VIDI .....	£59.95
MiniGEN Genlock Adapter .....	£95.00
KCS Power Board PC emulator package .....	£289.00
Vortex AT-Once PC emulator package featuring fast 8MHz 80286 processor .....	£179.00
5 1/4" External Floppy Drive 40/80 track switchable (360/720K) with throughport ...	£99.00
TrueMouse superb quality replacement mouse, excellent value for money .....	£17.95
Naksha Mouse Package (also compatible with Atari ST and Amstrad PC) .....	£28.95
Kickstart 1.3 Upgrade pack .....	£29.95
Amiga Replacement Power Supply Unit (Genuine Commodore Amiga Type) .....	£39.95
Amiga A500 Dust Cover .....	£ 4.95

## CBM A590 HARD DISK

Good quality Commodore Hard Disk unit, including its own PSU and built-in cooling fan. Features sockets for up to 2Mb of on-board FASTRAM expansion (see below), 80ms Access time, with up to 2.4Mb/sec transfer rate. Autoboots when used with Kickstart 1.3.

**A590 Hard Drive (20Mb) ..... £279.00**

We are now supporting specially upgraded versions of the A590 incorporating NEC high capacity, fully autoparking SCSI drives (25ms access time.) SCSI interfaced hard drives offer a substantial performance increase over conventional units.

**A590 Hard Drive (40Mb NEC disk) ..... £399.00**

**A590 Hard Drive (100Mb NEC disk) ..... £599.00**

## A590 RAM UPGRADES

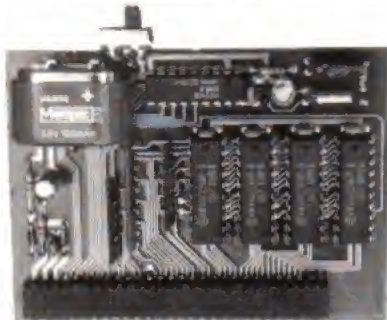
Upgrade kit comprising of D-RAM FASTRAM IC's. We fit the upgrade free of charge when bought with an A590.

**A590 512K RAM Upgrade kit .... £31.95**

**A590 1Mb RAM Upgrade kit ..... £59.95**

**A590 2Mb RAM Upgrade kit ..... £99.95**

## AMIGA A500 SOLDERLESS RAM UPGRADES



**512K**  
**RAM UPGRADE**  
**ONLY £34.95**  
including VAT & delivery

### 512K RAM/CLOCK UNIT FEATURES :

- ☆ Direct replacement for the A501 expansion
- ☆ Convenient On / Off Memory Switch
- ☆ Auto-recharging battery backed real-time Clock
- ☆ Compact unit size : Ultra-neat design
- ☆ Only 4 low power consumption FASTRAMs

512K RAM Expansion also available without clock for only **£29.95**

## 1.5MB RAM BOARD

- ☆ Fully populated board increases the total RAM in an Amiga 500 to 2MB !
- ☆ Plugs into the trapdoor expansion (as with 512K unit) and connects to GARY chip
- ☆ Includes Auto-recharging Battery Backed Real-Time Clock
- ☆ Socketed FASTRAM ICs for accommodating up to 1.5MB RAM

Unpopulated RAM Board with Clock ..... £39.95

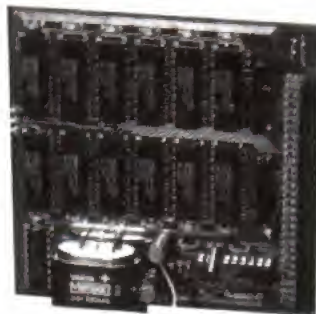
RAM Board as above, with 512K FASTRAM installed ... £59.95

RAM Board as above, with 1 Mb FASTRAM installed .... £74.95

RAM Board as above, fully populated, with

1.5 Mb FASTRAM installed ..... £89.95

N.B. : The expansion board Requires Kickstart 1.3 to operate - Kickstart 1.3 Upgrade available from us for £29.95



## GOLDEN IMAGE HANDY SCANNER WITH TOUCH-UP PACKAGE

Top value package including a high quality 100-400 dpi scanner with dither options. Scanner includes viewing window with backlight, plus a start control button, for accurate scanning every time. Scans either line-art (mono) or one of three greyscale options, at 100/200/300/400 dpi. The package includes the amazingly powerful, well featured TOUCH UP graphics program which drives the scanner directly as one of its many facilities. Includes many image enhancement tools. Please note that this package is not Amiga 1000 compatible. N.B. Requires at least 1Mb RAM to operate.

**ONLY £169.00** including VAT and delivery

## PRINTERS

Prices include VAT, delivery and cable

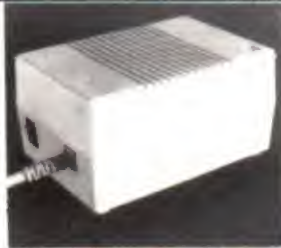
### EVESHAM MICROS SPECIAL OFFER - ALL STAR PRINTERS INCLUDE 12 MONTHS ON-SITE MAINTENANCE !

Star LC10 top-selling 9-pin printer .....	£159.00
Star LC200 replaces LC10 colour, features bottom feed option and push/pull tractor, 180/45 cps .....	£209.00
Star LC24-10 24 pin, excellent value .....	£215.00
Star LC24-200 improved version of LC24-10: 200/87cps bottom feed option and push/pull tractors .....	£249.00
Star LC24-200 Colour version of above LC24-200 .....	£289.00
Star FR-10 9pin 300/76cps 16 NLQ fonts .....	£369.00
Star FR-15 as FR-10, wide carriage .....	£429.00
Star XB24-10 24pin; 4 SLQ, 25 LQ fonts .....	£429.00
Star XB24-15 as XB24-10, wide carriage .....	£569.00
Star LC15 wide carriage vers. of LC10 .....	£299.00
Star LC24-15 wide carriage vers. of LC24-10 .....	£369.00
Star Laserprinter 8, 8ppm/300dpi .....	£1329.00
Star Laserprinter 8 & Starscript upgrade (2Mb RAM) ..	£1599.00
Olivetti DM100S 9 pin printer 200/30 cps price includes 1 year on-site warranty! .....	£129.95
Olivetti cut sheet feeder for DM100S .....	£79.95
Olivetti PG-306 laser; 512K RAM, HP compatible .....	£976.35
Olivetti PG-306 as above, with PostScript fitted .....	£1749.00
Epson LX400 budget 10" .....	£159.00
Epson LQ550 10" 24pin .....	£349.00
Epson LQ400 24pin printer .....	£229.00
Panasonic KXP1180 multi-feature 9 pin .....	£179.00
Panasonic KXP1123 24pin printer, NEW Model .....	£235.00
Panasonic KXP1624 24pin wide carr. printer .....	£399.00
Hewlett Packard Deskjet 500 - includes 3 years 'Return to Hewlett-Packard' Warranty .....	£459.00
Hewlett Packard Laserjet III superior 300dpi laser .....	£1595.00



## REPLACEMENT A500 P.S.U.

Genuine CBM  
Amiga A500 type  
replacement  
power supply unit.  
Good quality  
switch mode type.  
Super low price!



**ONLY £39.95**

## 'TESSA'

Twin ergonomic stereo speakers, amplified



### HEAR THAT STEREO!

Your Amiga produces excellent quality hi-fi stereo sound. Enjoy sound reproduction to the full with this twin speaker system! Uses a specially designed amplifier with volume control, to obtain the best sound.

**ONLY £34.95** including VAT and Delivery

## PHILIPS 15" FST COLOUR TV/MONITOR

With its dedicated monitor input, this model combines the advantages of a high quality medium resolution monitor with the convenience of remote control Teletext TV - at an excellent low price!



**£269.00**  
inc. VAT, delivery & cable

## MIDI INTERFACE

**GET CONNECTED!**

Our fully compatible, high quality MIDI interface connects directly with the Amiga serial port and provides IN, OUT & THRU ports for good flexibility. Features LED indicators on each port to assist ease of use and also for diagnostic purposes. Superb compact design.

**ONLY £19.95**

## TRUEMOUSE

WE GUARANTEE that this is the smoothest, most responsive and accurate replacement mouse you can buy for the Amiga. Excellent design, incredible low price!



**ONLY £17.95**

## KRAFT TRACKBALL

**EFFICIENT MOUSE OPERATION -  
IMPROVED GAME PLAY!**

Very high quality trackball, directly compatible to any Amiga, ST or CBM64, plus many others. Operates from the mouse or joystick port, and features selectable drag control / autofire button for versatility and better action. Left or right hand use, with total one handed control. Top quality construction and opto-mechanical design, delivering high speed and accuracy every time. No driver software required!



**ONLY £44.95**

## STEREO SOUND SAMPLER

Offering full compatibility with almost any Amiga audio digitiser package, our Sound Sampler features excellent circuitry, yielding professional results. The main A/D converter gives a digitising resolution of up to 50kHz, with a fast slew rate. Two phono sockets are provided for stereo line input, plus an option for microphone. Adjustable gain is achieved with built-in control knob. Complete with public domain disk containing sound sampling applications / utilities.

**ONLY £29.95**

## AMIGA SOFTWARE

### WORDPROCESSING

Protex Version 5 ..... £119.95  
Kind Words Version 2 ..... £39.95

### ACCOUNTING

Digitia Home Accounts ..... £18.95  
Digitia Cashbook Controller ..... £39.95  
Digitia Final Accounts ..... £23.95  
Digitia Cashbook Combo ..... £55.95  
SBA Cash ..... £62.95  
SBA Extra ..... £89.95  
SBA Plus ..... £179.00

### GRAPHICS

Deluxe Paint 3 ..... £59.95  
Deluxe Video 3 ..... £59.95

### MUSIC

Dr.T Tiger Cub ..... £84.95  
Music-X ..... £110.00

### PROGRAMMING

AMOS Game Creator ..... £37.50  
AMOS Sprites ..... £11.95  
HiSoft Lattice 'C' ..... £179.00  
GFA BASIC Version 3 ..... £39.95  
GFA BASIC Compiler ..... £34.95  
HiSoft Devpac 2 ..... £44.95

### GAMES AND SIMULATIONS

Battle Squadron ..... £16.95  
Damocles ..... £18.95  
Emlyn Hughes ..... £18.95  
F-19 Stealth Fighter ..... £22.50  
F-29 Retaliator ..... £18.95  
Kick Off 2 ..... £18.95  
Sideshow ..... £14.95  
Treasure Trap ..... £16.95

### MISCELLANEOUS

Super-Plan Spreadsheet ..... £74.95  
Superbase Personal Version 2 ..... £69.00  
Digitia DG-Calc ..... £31.95

LOOK WHAT ELSE YOU GET  
WHEN YOU BUY AN AMIGA  
FROM **Evesham Micros**

### THESE FABULOUS GAMES:

Tracksuit Manager 90	Subbuteo	Treasure Trap
Block Alliance	Lost 'N' Maze	Discman
Battle Squadron	Diet Riot	Tank Battle
Tennis Cup	Jaws	

**PLUS!** A wordprocessor and spreadsheet

**AMIGA**

**SPECIAL  
DEALS**

### AMIGA 500 SCREEN GEMS PACK

Top-selling A500 package includes 'Night Breed', 'The Beast 2', 'Back to the Future 2', 'Days of Thunder', 'Deluxe Paint II' and TV modulator.  
A500 SCREEN GEMS PACKAGE ..... £ 379.00

**SPECIAL! A500 Screen Gems Package  
inc. 512K RAM/Clock Upgrade ... £ 399.00**

A500 Screen Gems Package PLUS 3 1/2" Drive . £ 430.00

A500 Screen Gems Package including  
512K RAM/Clock Upgrade AND 3 1/2" Drive ..... £ 465.00

### AMIGA 500 CLASS OF THE 90'S PACK

Includes A501 512K RAM Upgrade, TV Modulator, 8 software  
Titles, 10 Disks, Mouse Mat, Video Tape and more ...

A500 CLASS OF THE 90's Package ..... £ 549.00

A500 Class of the 90's Pack PLUS 3 1/2" Drive ..... £ 600.00

### AMIGA 1500 STARTER PACK

Includes A1500 computer (1Mb RAM, 2 x 3 1/2" Drives, 8 expansion slots),  
Commodore Hi-Resolution Colour Monitor, plus Software including: 'Deluxe  
Paint III', 'Battle Chess', 'Sim City' and 'The Works' (business software).

AMIGA 1500 STARTER PACKAGE ..... £ 999.00

Buy with confidence from one of the longest established companies in their field, with a reputation for good service and prices. We have invested heavily in a computer system to enable our Telesales staff to provide up-to-the-minute stock information, coupled with highly efficient order processing. Our fully equipped Workshop enables us to carry out almost any repair on our premises. We feel sure that you won't be disappointed if you choose Evesham Micros.

# Evesham Micros

### RETAIL SHOWROOMS

Unit 9 St Richards Road  
Evesham  
Worcs WR11 6XJ  
☎ 0386-765180  
fax: 0386-765354  
Open Mon - Sat, 9.00 - 5.30

5 Glisson Road  
Cambridge CB1 2HA  
☎ 0223-323898  
fax: 0223-322883  
Open Mon - Sat, 9.30 - 5.30  
Specialist Education Centre

1762 Pershore Road  
Cottbridge  
Birmingham B30 3BH  
☎ 021-458 4564  
fax: 021-433 3825  
Open Mon - Sat, 9.00 - 5.30

**ALL PRICES INCLUDE VAT AND DELIVERY**  
Same day despatch whenever possible. Express Courier delivery £5.00 extra.

### MAIL ORDER DEPARTMENT

Unit 9 St Richards Rd, Evesham, Worcs WR11 6XJ

Call us now on ☎ 0386-765500

8 lines, Open Mon - Sat, 9.00 - 5.30. Fax: 0386-765354  
Technical support (open Mon - Fri, 9.30 - 5.30): 0386-40303



VISA

Send an Order with Cheque, Postal  
Order or ACCESS/VISA card details.  
Allow 3 working days personal chq. clearance.

Government, Education & PLC orders welcome  
All products covered by 12 Months Warranty  
All goods subject to availability, E. & O.E.







**O**n these pages you will find the best 15 games of all time – the games you cannot afford to be without. Not all of them are new – some are more than two years old – but all of them are classics that will stand the test of time.

If you want to buy them (and you should!) but you can't get them from your normal outlet, then try the software house direct, mail-order companies or the bargain bins of software shops. Where games have already appeared on compilations we've tried to track them down, but keep an eye out for the older games here appearing on new compilations or on budget labels.

# The 15 Best Games of All Time



## RAINBOW ISLANDS OCEAN £24.99

**W**ithout doubt the best coin-op conversion of all time, not just because of the excellent programming but because it was a brilliant game in the first place. Sure enough, it sounds like a dumb Japanese idea – a cute character who leaps about platforms shooting rainbows – but it's one of the most addictive platform games there's ever been.

There are seven islands in the game, each one split up into four increasingly difficult levels. The aim is to make your way up the vertical levels by jumping on platforms or climbing the rainbows you fire. The depth lies in the detail that the game gives in bonuses, secret rooms and level design, all of which makes it both a big challenge and great fun to explore.

This is a classic arcade game that deservedly scooped the title of *Amiga Format's* game of the year for 1990.

**TIPS** – Always try to collect the diamonds in order so you can use the secret rooms and avoid the end-of-level guardians. Many monsters can just be trapped under rainbows and jumped on to turn them into a gem. On all the islands it's worth remembering that monsters only have to be near the rainbow when it's broken to be turned to a gem. This is particularly handy for dealing with flying monsters and for killing monsters on a platform above you.

**TARGET** – Get into all the secret rooms and complete the game, but do not pick up any of the permanent powers in the secret rooms!



## SPINDIZZY WORLDS ELECTRIC DREAMS £24.99

**A** recent addition to the list of classic games, but one which will be around for a long time because of its originality, detail and difficulty. The action revolves around a spinning top called Gerald. He has to collect jewels and other objects that supply him with fuel, while avoiding things that take fuel away.

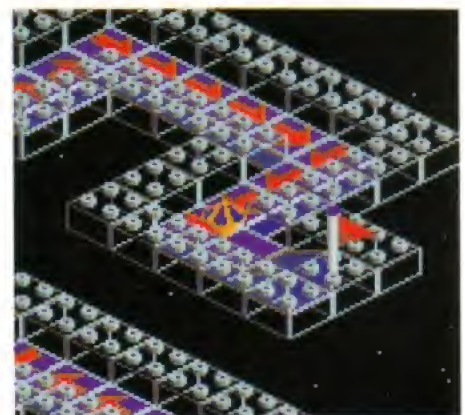
The joy of the game is the control of Gerald and the complexity of the worlds which he has to get through – both are exceptionally good. The worlds are full of ramps, drops, switches, lifts and other things that make wicked puzzles and fascinating places to explore.

You will need a combination of great joystick dexterity and mental agility to complete the game, but once you are in the groove it

gets very hard to stop playing. You're always trying to complete just one more world.

**TIPS** – One crucial thing to work out is using the brake, which is tricky because it's the Space bar. Work out the best way to hit it without affecting your joystick handling – using a foot may suit you, or a suckered joystick with a trigger so that you have a hand free to operate the brake, or just keep one finger free and play very close to the keyboard – whatever works for you. Also try to go everywhere with the fire button pressed and using the brake – for the levels with a time limit you will often have to do it that way, so it's as well to get into practice.

**TARGET** – Complete Easydizzy without having to retry a world.



## TOTAL ECLIPSE MICROSTATUS £24.99

**T**he greatest Freescape game of them all. It sets players the task of averting an ancient Egyptian curse. The pyramid you must explore is made of solid 3D blocks that can be moved, crawled over, walked along and shot to reveal the path to the centre of the temple.

With only two hours the time limit is tight and so is the water supply. You must replenish continually for a successful completion of your mission. The puzzles and traps that guard the central temple are fiendish, requiring masses of lateral thinking as well as manual dexterity.

It's a huge world, where the complex 3D system has allowed the authors to play visual tricks. This mindbending blend makes it a

classic that even Incentive haven't managed to top yet. It will be interesting to see how their 3D expertise turns out in the forthcoming *3D Construction Kit* – see Previews on Page 47.

**TIPS** – Water, water everywhere and not a drop to drink! That's the problem. If you don't have water, you die. Small troughs litter the place, so top up at every one. Check under and behind everything – doors and Ankhs are well hidden. Keep shooting – many objects take multiple hits before they activate. In the final room, you'll have to blast the statue 45 times!

**TARGET** – Finish the whole game in one go, without saving it, and having collected the absolute maximum of 4,350,000 in gold.





**TOWER OF BABEL**

RAINBIRD £24.95



**S**hoot-em-ups are fast and furious and can be a lot of fun. Puzzle games require thought and the player gets a great sense of achievement when something is completed. *Tower Of Babel* combines the tension and panic of a top-notch shoot-em-up with the cunning and strategy found in a good puzzle game.

Busting at the seams with different – sometimes wacky – puzzles, it keeps you playing and playing. None of the puzzles take long to complete once you've found the key to them, but finding that key can be a mammoth task.

Like *Nebulus*, it is about getting to the top of towers, but by very different methods because in this biblically-inspired game (Noah's descendants trying to build towers to

heaven) you control three robots with different abilities for overcoming obstacles.

**TIPS** – Get the overall picture first. Look at each level from the corner towers and work out exactly what you need to do before starting. When you're up against a time limit use the programming option as much as possible because you'll often find you can have two or three robots working at once. Often one will need to do something before another can do something else, so start them off in the right order. Don't bother completing every puzzle – once you've solved enough to move on to another frame, do so!

**TARGET** – Complete 15 levels with pre-programming and never take direct control.

**STUNT CAR RACER**

MICROSTYLE £24.95, CHALLENGERS FROM UBISOFT £29.99



**T**his racing game takes the genre into a whole new dimension of difficulty and originality. No flat turns for this game: we are talking banked curves, huge humps and jumps, drawbridges, long drops and, best of all, an opponent determined to cross the finish line before you.

The names of the tracks sum up the amazing driving you can expect – Rollercoaster, Ski Jump, High Jump and Stepping Stones are four of the eight you have to master. Everything is drawn in solid 3D which is not very detailed, but what matters is the speed of the action and the realistic crunching feel of driving the car. You suffer with every bounce and jump landing as if you were really there – it's terrifying!

The computer opponents are hard to beat and get harder the further you go, but another joy of the game is that you can play against a human opponent via a datalink. Against them you'll have a marvellous time trying to outrace one another or barge each other off the track.

**TIPS** – If playing a human opponent, go for the ram straight off the start line – if they aren't ready for it, you'll win. Don't try it against the computer because it never falls off. Save the game every time you get promoted, the only sure way to make progress. The computer cars are good, so you always risk demotion.

**TARGET** – Get into the Superleague without using a saved game at any stage and then get every lap record in the Superleague.

**F-19 STEALTH FIGHTER**

MICROPROSE £29.99



**A** state-of-the-art sim for a state-of-the-art warplane. An excellent flight simulation, *F-19* is also a first-class game. Take the invisible aircraft on missions over four different war zones on three different hostility settings. Each has its own problems and perils.

The game is crammed with extra detail that you don't need – like accurate star maps, for example – making the whole thing vastly more terrifying and vastly more exciting! The range of missions and weapons is enormous.

What makes it so good is the plane on which it is based. The aim of the craft is to go about bombing while remaining hidden from radar. The game's display features a gauge, which reveals the strength of the radar and the radar profile which the craft is showing.

Thus, the normally tedious flying between targets becomes a game of cat and mouse, as the plane has to be flown via the least detectable route with the track gauge blipping ominously close to the detection threshold as fighters zoom around and the target nears.

**TIPS** – A Stealth Fighter is designed to hide and not to swoop majestically around the sky – it flies like a brick. Learn your craft before taking on any of the big missions and get to know your weapon systems – missiles are not always the best tools for the job. Finally, read the manual! In the MicroProse tradition it's packed with genuine flying hints and tips.

**TARGET** – Fly in central Europe on strike missions in a conventional war, but navigating only by the stars.

**POWERMONGER**

ELECTRONIC ARTS £29.99



**P**lay a demi-god and rule the world by force of arms. Similar to *Populous* in look, this god game has a strategic bent. Your aim is to conquer 195 different worlds.

Icons control the whole affair as little men farm, war and invent to further your glory. All the time other, computer-controlled demi-gods are out to get you, so caution is advised as well as a sense of adventure. When taking on the bigger lands you control multiple captains who can only communicate by carrier pigeon. Logistics demand a well-thought-out plan that is rigidly adhered to.

It is a graphic delight – the little people are once again charming, the maps convincing and the controls and options brilliantly flexible

thanks to the vast number of icons. It is not exciting in the traditional adrenalin sense, but it is a test of planning skill and nerve, and delightfully illustrated.

**TIPS** – Listen to your captain. Each world has a number of basic strategic requirements for victory. If you give the Captain an order that goes against these basic principles – ie something really tactically daft – his response to your order will be a muted 'yeah'. If the order is sound and satisfies the parameters of that world the captain positively shouts his approving 'yeah'. They are not always right, but they are a useful yardstick for shots in the dark.

**TARGET** – Clear three consecutive lands without inventing.



## KICK OFF 2

ANCO £19.95

This is the best football simulation you will find. In fact, it's more than that – it's a brilliant game. It's fast and furious, full of options and controls, exciting to watch as well as to play, incredible fun to play against a human opponent and a tactical challenge to boot.

It also has a whole host of associated games and data disks. The original is on compilation, there's *Player Manager*, concentrating on the management side, *The Final Whistle* providing enhancements to *Kick Off 2...* and there are more data disks on the way.

All the action is viewed from overhead on a scrolling pitch with small players, but that isn't a problem. The success and addictiveness of the game is due to two factors – speed and

control. The game proceeds at a hectic pace to produce rip-roaring end-to-end football.

**TIPS** – To get a good chance of scoring from the kick off, run up the field and when you reach the edge of the centre circle use after-touch to chip the ball upfield. Often the bounce will baffle the keeper and earn a quick goal. If the opponent's goalie is too good, then run your finger along the function keys and substitute him for one of your own players! Free kicks are tricky, but a good method is to hold the stick sideways away from the goal before you kick, then towards the goal just after you hit the ball.

**TARGET** – Beat a computer International level team with five of your men sent off.



## XENON II

IMAGEWORKS £24.99, POWERPACK FROM BEAU JOLLY £24.99

There are umpteen decent shoot-em-ups for the Amiga and picking one to represent them all is difficult, but *Xenon II* stands out as a great combination of graphics, soundtrack and incredibly addictive gameplay.

It's a vertically-scrolling shoot-em-up with masses of add-on weaponry that can turn an initially wimpy ship into a high-powered dealer of mega-death. There's the usual mix of alien waves to destroy, end-of-level guardians, weapons to collect and weapon shops to visit. The soundtrack is by Bomb the Bass and provides a driving beat to accompany the action.

There are other shoot-em-ups worth mentioning as alternatives: *Denaris*, *Silkworm* and *X-Out* are all excellent horizontally-scrolling

games, while *Battle Squadron* is the main competition on the vertically-scrolling front.

If it's total destruction, loud noise and a graphic treat you want then this is the one to go for – a killing ground par excellence.

**TIPS** – You are going to need a good auto-fire joystick or your fire finger is going to get knackered, very fast. Do not buy advice from the shopkeeper because it's of the unhelpful variety like 'shoot the enemy' and 'collect the money'. Also do not bother with Nashwan power, because it may look impressive and cause immense destruction, but it only lasts for 10 seconds and so isn't really much use.

**TARGET** – Complete the first level without picking up any extra weapons.



## CAPTIVE

MINDSCAPE £24.99

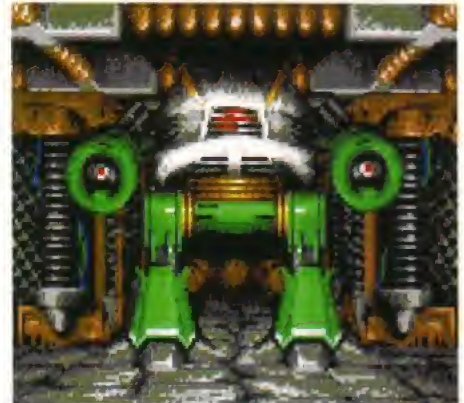
*Dungeon Master* goes cyberpunk. You play a prisoner who has been locked away on a remote starbase. Your only chance of escape is to guide four robots controlled by remote to your cell. This takes them on a ten-base romp, fighting against ever more impressive foes. To begin with the droids only have their bare hands to fight with, but as the adventure unfolds they can be armed with swords, guns and other exciting military hardware.

What sets *Captive* apart is its robot theme. This means the boys can be totally destroyed, and you can bolt them back together again. There's a continual search for power, plus some tough fighting and thinking in order to free the Captive. What's more, after the tenth

base the plot takes a major twist and you realise that the fun is only just beginning...

**TIPS** – Save, save and save! Whenever the team has been re-built, refreshed or rescued, save that game so you can return to that point. If in doubt, think *Dungeon Master*! Tony Crowther (the game's designer) loved *DM*, so it's worth trying tricks learned there, such as shutting doors on opponents to cause them damage. Finally and most importantly, map as you go. Each base has to be destroyed from within, so you need to know the way out for running away when the charges have been set.

**TARGET** – Clear Base Five using only knuckledusters, fists and electric sockets – no guns or axes.



## DAMOCLES

NOVAGEN £24.99, MISSION DISK 1 £9.99

After wowing space adventurers with the classic *Mercenary*, Paul Woakes finally produced the long-awaited sequel in the shape of *Damocles*. Even after a two-year delay, the game turned out to be well worth the wait.

The superb 3D generates an atmospheric world which you can explore freely, finding many different vehicles, objects and places. Fortunes can be made by brave and ruthless mercenaries, but a good deal of thought is also needed to figure out the taxing puzzles and save Eris from destruction. Even if you do figure out a solution, there are more to be found!

The challenge need not end with this original either, because if you check the Screenplay section in this issue you will find a review of

the Mission disk offering even more adventuring. Even if you just get the original game this will still plunge you into one of the most believable and atmospheric worlds ever created.

**TIPS** – Look carefully at all the objects you come across – they're not always what they seem. Travelling between planets by spaceship eats time and reduces your chances of completing the adventure. Work out how to use the transporters to get to where you want to be. Bureaucracy reigns in the future – look out for those misleading official messages!

**TARGET** – Complete the Novabomb adventure without using transporters, then go to the casinos and use your fee to win loads of dosh without using saves to hedge your bets.





**POPULOUS**

**ELECTRONIC ARTS £24.95, PROMISED LANDS DATA DISK £9.99**



**T**he original god simulator gives you total control over lots of little people depending on your help for their survival. However, a rival god is trying to do the same for his population and the contest that ensues is tough, dirty and will last for a thousand landscapes.

On each new landscape the task is to alter the land so that your people can settle on it. The more people you have, the more energy you get to indulge in acts of god.

There are lots of nasty things you can visit on your opponent's people including swamps, volcanoes, earthquakes and even knights who burn their homes. The only aim is to destroy the opposing deity's population - completely! All this brutal nastiness is made even more

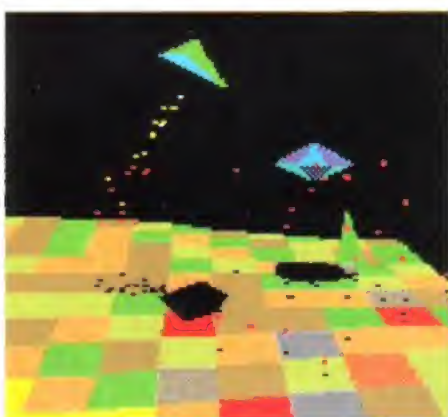
enjoyable by the ability to link two machines and play a human opponent. With 1,000 different landscapes and several terrain types, this game will be on your 'must play' list for years.

**TIPS** - Volcanoing the opposing population in the same spot several times is very effective. Keep building settlements throughout the game: power, the key to the game, is derived from settling. If they are too comfortable and have lost the inclination to explore, reduce the settlement size until it's too large to hold the population: the settlement will kick someone out to settle new territory.

**TARGET** - Not using your divine powers to complete a world is extremely hard - so try to complete three in a row like that!

**VIRUS**

**FIREBIRD £19.95**



**T**his is still one of the best examples of 3D graphics and features a superb control system which no-one else has approached in the two years since it was released.

It's a shoot-em-up in the *Defender* tradition, where the alien invaders put up a real tough fight. The graphics are quite extraordinary - a 3D patchwork landscape that moves at high speed, while your craft and alien ships blast through the sky in deadly dogfights.

The mouse control is tough to learn but fantastically responsive once you have. The aliens demonstrate wicked intelligence and make worthy opponents. It's a game that demands and gets total concentration and rewards it with a real feeling of achievement.

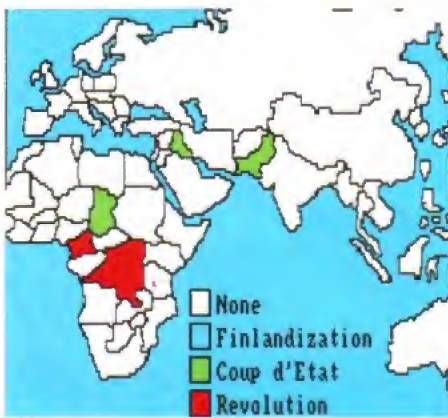
Sadly, it's currently hard to get hold of - your best bet is to check if any of the mail-order firms have stocks left.

**TIPS** - Missiles are precious - use them only to take out attractors and mystery craft. By hovering low over the water you can see the shadows of attackers. Along with the sound cues, this allows you to manoeuvre and thrust at the right time to gain height and attack. Take out bombers and seeders first because the landscape bonus earns valuable lives. On later levels, refuel just before the pests arrive - you won't be able to when they're around.

**TARGET** - Either destroy all the scanners on Wave One and get to Wave Five flying blind, or score over 250,000.

**BALANCE OF POWER 1990**

**MINDSCAPE £24.99**



**T**his game is about global political domination and is presented in a frighteningly realistic manner. These days, its East-versus-West Cold War outlook is beginning to be dated, but the strategy and tactics involved in the gameplay are anything but.

It's the most detailed simulation of global politics there is and has the unique distinction of having been reviewed in the *New York Times*, of all things. You control either the USA or USSR as they attempt to dominate the world, swaying countries over to their way of thinking by any means possible. It's pure, brilliant, unadulterated strategic gameplay.

What both players are trying to avoid is nuclear war - there are no prizes for causing

one. That isn't easy, because when you're presented with the enormous range of problems in the game you can easily go to DefCon 1 over a little thing like a trade treaty with Libya. Superb stuff that can make weekends disappear.

**TIPS** - General tips are not easy to give, other than to study the world's political situation for real. However, what we said in Issue One of *AF* still holds true: striking a balance between surviving and scoring points is the art of the game. Factors to bear in mind are spheres of influence, precedence and relative importance. The advisors are a good general guide - but the hard decisions are all yours!

**TARGET** - Just playing the Multi-Polar level is a challenge in itself.

**NEBULUS**

**HEWSON £19.99, JOYSTICK LIGHTNING COLLECTION £24.99**



**T**his is a totally unique platform game that has never been bettered for innovation - but *Nebulus 2* is due out soon and should change things. The original contains many conventional platform game features and puzzles which you could find in any number of games, but its originality lies in the fact that the game takes place on revolving towers.

A cute little character called Pogo has to make his way to the top of the towers by jumping, running and taking lifts, avoiding the hordes of hazards that are thrown at him along the way.

The delightful graphic presentation of the revolving towers not only looks good, but is important to the gameplay because the towers

wrap around - and that becomes crucial to many of the puzzles. All the puzzles, timing problems and hazards have been worked out in the finest detail to produce challenges which are initially easy to get into, but which work up to fantastically devious and complicated levels.

**TIPS** - The most important thing to learn is the timing of the appearance of the spinning alien: get in rhythm with it in order to save an awful lot of sudden drops. Watch out for areas where being knocked down by the alien is vital to progress.

**TARGET** - A really tough challenge is to complete the first three towers without being knocked down once, so that you earn the 100% technique bonus.



**THE  
FEBRUARY  
COMPETITION**



**THE  
SEGA GAME GEAR  
or  
SEGA MEGADRIVE  
(Plus the Game of YOUR choice)  
or  
ATARI LYNX  
or  
NINTENDO GAME BOY**

In The FANTASTIC **DIAL-A-QUIZ** MONTHLY Computer Competition  
Answer 4 simple computer related questions and by this time NEXT MONTH  
YOU could be the Lucky Winner of one of FOUR Superb First Prizes in this  
month's DIAL-A-QUIZ "Welcome to 1991" Computer Competition

eg. QUESTION: What is the name of the main character in Dragons Lair?

ANSWER: 1. Billy Brave  
2. Dirk The Daring  
3. Fearless Freddy  
It's THAT simple!

And REMEMBER, you can enter ALL Competitions as many times as you like.

**Sega Game Gear Hotline: 0839 - 121 - 165**  
**Sega Megadrive Hotline: 0839 - 121 - 167**  
**Atari Lynx Hotline: 0839 - 121 - 168**  
**Nintendo Game Boy Hotline: 0839 - 121 - 169**

One first prize in each competition. Winners are chosen at random from all correct entries received. Closing date 20th February 1991. All calls last approximately 4 minutes and if you are under 18 we ask you to please obtain your parents consent before you dial.  
Calls are charged at 33p per minute cheap rate. 44p per minute at all other times.

**NOVEMBER RESULTS:** MANINDER SINGH - FROM LEICESTER - AMIGA  
ADRIAN SWABY - FROM ESSEX - ST TURBO  
PHILIP SOUTH - FROM HEMEL HEMPSTEAD - SEGA MEGADRIVE  
DANIEL GOODWIN - FROM LONDON - NINTENDO

P. GROVE: DIAL - A - QUIZ . P.O. BOX II, SKEGNESS, LINCS. PE25 3NL



# PHONE ANYTIME FOR FAST FRIENDLY SERVICE

FREE WITH EVERY AMIGA PURCHASED  
16 DAY HOLIDAY ACCOMMODATION  
FOR TWO PEOPLE -  
CHOICE OF 250 HOTELS

## AMIGA COMPUTERS

### AMIGA SCREEN GEMS BUMPER PACK

A500 AMIGA 512K RAM Computer -  
Built-in 1Mb Disk Drive, Workbench  
1.3, Mouse, A520 TV Modulator,  
Speech Synthesis Basic 1.3 Disk,  
Extras and Tutorials Disks, Joystick,  
Tailored Quality Monogrammed  
Antistatic Dustcover, Mouse Mat,  
Mouse Holder, 10 Blank Disks, 40  
Lockable Disk Box. All leads, three  
manuals and even a T3A plug!  
Plus

### SCREEN GEMS SOFTWARE PACK CONTAINING -

Back to the Future 2, Shadow of the  
Beast 2, Knight Breed and Days of  
Thunder, Deluxe Paint II Art Package  
ALL FOR ONLY. **£389.99**

### Add NEW ASTRA PACK if required

DataStorm, Dungeon Quest, Grand  
Monster Slam, Powerplay, Microprose  
Soccer, RVF Honda, E-Motion, Tower  
of Babel, Kid Gloves, Shufflepack  
Cafe. Value £950  
**£20 ONLY if ordered with  
BUMPER PACK**

### AMIGA CLASS OF 90'S EDUCATION PACK

Consists of A500 Computer, Mouse  
etc Plus Midimaster Interface, Mouse  
Mat, 10 Blank Disks, DeLuxe Paint II,  
Publishers Choice, Maxiplan 500,  
Superbase Personal, Dr T's Midi  
Recording Studio, Amiga Logo and  
BBC Emulator  
**£529.99**

### AMIGA CLASS OF 90'S FIRST STEPS PACK

Consists of A500 Computer with  
A501 512K RAM Expansion Pack,  
Mouse, Mouse Mat, T.V. Modulator,  
10 Blank Disks, DeLuxe Paint II, DeLuxe  
Print II, Infotile Database, Prowrite 2.5  
Word Processor, Music Master, Let's  
Spell at Home, Amiga Logo, Talking  
Turtle, BBC Emulator RRP of Hardware  
and Software over £1000  
**£529.99**

### ALL NEW AMIGA 1500

For Home, Business, Education,  
Design & Leisure. Fitted with 1Mb  
RAM, Twin Disk Drives and complete  
with 1084S Monitor, Separate  
Keyboard and CPU case as A2000.  
SOFTWARE pack includes THE  
WORKS - PLATINUM  
EDITION, Spreadsheet, Database,  
Word Processor and Comms Package,  
DeLuxe Paint III Art Package and 1 Mb  
Strategy Games: Their Finest Hour,  
Battle Chess, Sim City plus Terrain  
Editor, Populous plus Promised Lands  
**ONLY £1049.00**

## MONITORS

COMMODORE 1084S Stereo  
including leads ..... £249.99  
PHILIPS CM8833/1 New Model High  
Resolution Stereo incl. leads £239.99  
PHILIPS TV Tuner to convert either of  
above Monitors to High Quality TV  
complete with Aerial ..... £64.99

## 1Mb - 3.5" DISK DRIVES

CUMANA CAX354 Disk Drive...£63.99

## PRINTERS

STAR LC10 MONO ..... £159.99  
STAR LC-200 COLOUR ..... £209.99  
STAR LC24/200 MONO ..... £259.99  
STAR LC24/200 COLOUR ..... £299.99  
PANASONIC KXP1194 24 Pin ..... £249.99  
We are CITIZEN SUPER DEALERS and  
Authorised to Offer their FULL 2 YEAR  
GUARANTEE ON ALL CITIZEN PRINTERS  
CITIZEN 120D + Serial or Parallel  
Interface - Please State which when  
ordering ..... £134.99  
CITIZEN 124D Lowest Cost 24 Pin Letter  
Quality Printer ..... £235.99  
CITIZEN SWIFT 9 COLOUR High Spec. 9  
Pin with 4 Fonts and 240 x 240 dpi  
Colour Graphics ..... £229.99  
CITIZEN SWIFT 9 MONO as above except  
Mono until Colour Kit Fitted ..... £199.99  
CITIZEN SWIFT 24 COLOUR High Spec.  
24 Pin for Perfect Quality Text and  
360 x 360 dpi Colour Graphics ..... £319.99  
CITIZEN SWIFT 24 MONO as above except  
Mono until Colour Kit Fitted ..... £289.99

## PRINTERS

SWIFT 9/24 COLOUR KIT easily fitted  
converts SWIFT 9/24 Mono printers into  
Colour Versions ..... £34.99  
SEIKOSHA SP-2000 9 Pin NLQ  
RRP £398.85 ..... £159.99

All Printers are supplied with ribbon,  
connecting cable and plug and ready to  
go to work.

Please ring for prices of printer ribbons -  
full range stocked

CASPELL RIBBON REFRESH - INK IN A TIN!  
**£8.95**  
CASPELL RE-INK RIBBON TREATMENT  
**£12.95**

SHOP PRICES MAY VARY, PLEASE  
BRING THIS ADVERT WITH YOU OR  
REFER TO IT IF TELEPHONING YOUR  
ORDER

## DISKS - DISKS - DISKS

FULLY GUARANTEED DSDD BULK DISKS  
100% Certified - either SONY, TDK or  
MITSUBISHI  
UNBRANDED - ALL INDIVIDUALLY  
WRAPPED & WITH LABELS  
STAMPED - MADE IN JAPAN  
DO NOT CONFUSE WITH INFERIOR  
UNCERTIFIED

Pack of 10 ..... £5.49  
Pack of 20 ..... £9.49  
Box of 50 ..... £19.99  
Box of 100 ..... £37.99  
Pack of 20 in Our Top Quality Lockable  
40 Disk Holder ..... £12.99  
10 Flip Top Disk Holder ..... £0.89  
40 Disk Holder Lockable Top  
Quality ..... £3.99  
80 Disk Holder Lockable Top  
Quality ..... £5.99  
Spare Labels Ass'd Colours 60 for £1.00

## AMIGA BOOK SPECIALS

Advanced Amiga Basic ..... £16.49  
3D Graphics Programming in  
Basic ..... £16.99  
Amiga Applications ..... £14.49  
Amiga Assembly Language  
Program ..... £11.49  
Amiga Basic - Inside and Out ..... £17.99  
Amiga C For Beginners ..... £14.49  
Amiga C For Advanced  
Programmers ..... £27.99  
Amiga Disk Drives - Inside & Out ..... £24.99  
Amiga DOS - A Dab Hand Guide ..... £13.99  
Amiga DOS Quick Reference  
Guide ..... £8.99  
Amiga for Beginners ..... £11.99  
Amiga Graphics Inside & Out ..... £25.99  
Amiga Hardware Reference  
Manual ..... £20.99  
Amiga Machine Language ..... £12.49  
Amiga Programmers Handbook ..... £22.99  
Amiga ROM Kernel Libraries &  
Devs ..... £27.99  
Amiga System Programmers  
Guide ..... £28.99  
Amiga Advanced Systems Prog  
Guide ..... £25.49  
Amiga Tricks and Tips ..... £13.49  
Amiga More Tricks and Tips ..... £16.49  
Computes First Book of the  
Amiga ..... £13.99  
Computes Amiga Programmers  
Guide ..... £15.99  
Beginners Guide to the Amiga ..... £13.99  
Elementary Amiga Basic ..... £12.49  
Inside Amiga Graphics ..... £14.49  
Kids and the Amiga-Kids 8-80  
Programmers Guide to the  
Amiga ..... £22.49  
Using DeLuxe Paint 2nd Edition ..... £17.49  
Amiga Desktop Video Guide ..... £15.99  
Kickstart Guide to the Amiga  
Learning C - Programming  
Graphics ..... £16.99  
Inside the Amiga with C ..... £18.99  
Becoming An Amiga Artist ..... £15.99  
Amiga Printers Inside & Out +  
Disk ..... £24.99  
Making Music on the Amiga +  
Disk ..... £24.99

## EXCLUSIVE!!

### THE AMIGA TUTOR VIDEO

For new and not so new Amiga Users - Shows in clear graphic detail  
all you need to know to become proficient in using the Amiga

As reviewed in this issue

Subjects covered include:

- ★ Setting up - Monitors - Mouse - Expansion ★
- ★ Workbench Customisation - Copying - Renaming - Formatting ★
- ★ Notepad - Menus - Fonts - Saving - Printing ★
- ★ Icons - Clock - Sizing - Moving - Scrolling Windows ★
- ★ C.L.I. Directory Structure - Start Up Sequence - Multitasking ★
- ★ Printer Set Up - Preferences ★
- ★ Virus Protection ★

For the cost of a game you will learn techniques that will entertain you for  
years to come. Make sure you get the best from your expensive investment.

**£19.99 inc. Post and Packing**

## JOYSTICKS

CHEETAH Mach 1 ..... £10.99  
CHEETAH Starprobe ..... £12.99  
ZIPSTICK Superpro ..... £11.50  
ZIPSTICK Superpro Auto ..... £11.99  
QUICKSHOT 2 Turbo ..... £9.99  
QUICKJOY Junior ..... £4.95  
VOLTMACÉ Delta 3A Analogue ..... £14.95

## DUST COVERS

TOP QUALITY COLOUR CO-ORDINATED  
DUST COVERS TAILORED AND WITH  
PIPED EDGING  
PROTECT YOUR EXPENSIVE INVESTMENT  
AMIGA Keyboard Dust Cover ..... £4.99  
AMIGA Monitor Dust Cover ..... £4.99  
STAR LC10 Printer Dust Cover ..... £4.99  
STAR LC200 Printer Dust Cover ..... £4.99  
STAR LC24-200 Printer Dust Cover ..... £4.99  
CITIZEN 120D Printer Dust Cover ..... £4.99  
CITIZEN Swift 9 Printer Dust Cover ..... £4.99  
CITIZEN Swift 24 Printer Dust Cover ..... £4.99

Quality Soft Boxed Mouse Mat ..... £4.99  
Mouse Bracket (to hold mouse) ..... £1.99  
3.5" Disk Drive Head Clean Kits ..... £3.99  
PREMIER CONTROL CENTRE - Sits over  
Amiga as Monitor Stand & Second Disk  
Drive Holder. Colour Matched to Amiga  
and supplied with extension Plugs and  
Sockets to bring Ports forward to front  
side. .... £45.99  
CONTRIVER Trackball ..... £34.99  
TWIN Joystick/Mouse extension lead ..... £5.99  
AERIAL SWITCHING BOXES fit in TV lead  
to eliminate constant disconnection and  
wear on TV ..... £3.99  
SURGE Protector Plugs ..... £11.99  
PRINTER Cables ..... £7.99

## EDUCATIONAL & CHILDRENS

Fun School 3 - Under 5 ..... £16.49  
Fun School 3 - 5-7 yrs. .... £16.49  
Fun School 3 - 7 and Over ..... £16.49  
Junior Typist ..... £12.99  
Better Maths 12-16 (GCSE) ..... £19.99  
Micro English (GCSE) ..... £17.99  
Micro Maths (GCSE) ..... £17.99  
Micro French (GCSE) ..... £17.99  
Mega Maths (GCSE) ..... £17.99  
Primary Maths ..... £17.99  
Things to do with Numbers ..... £15.99  
Things to do with Words ..... £15.99  
AB Zoo ..... £3.99  
First Letters and Words ..... £19.99  
Kid Talk ..... £19.99  
Spell Book 4-9 ..... £13.99  
Lets Spell at Home ..... £14.99  
Lets Spell at the Shops ..... £14.99  
Puzzle Book Vol 1 ..... £13.99  
Amiga Logo ..... £39.99  
Mavis Beacon Teaches Typing ..... £18.49  
Answer Back Junior ..... £13.99  
Answer Back Senior ..... £13.99  
Donalds Alphabet ..... £19.99  
Kosmos - The German Master ..... £17.49  
Kosmos - The Spanish Tutor ..... £17.49  
Kosmos - The Italian Tutor ..... £17.49  
Fact File 500 - General Science ..... £8.99  
Fact File 500 - 20th Cent. History ..... £8.99  
Math Talk - Fractions (8-12) ..... £19.99  
First Shapes (3-5 yrs) ..... £19.99  
Puzzle Story Book (3-8 yrs) ..... £19.99  
Trivial Pursuit ..... £14.99

## LEISURE SOFTWARE

Billy the Kid ..... £16.99  
Chaos Strikes Back ..... £16.99  
Chase HQ 2 ..... £19.99  
Dragons Lair 2 ..... £31.99  
Elvira Mistress of the Dark ..... £19.99  
Golden Axe ..... £16.99  
Goofy's Railway Express ..... £16.99  
Hard Drivin' 2 ..... £16.99  
Life & Death ..... £16.99  
Mickey's Runaway Zoo ..... £16.99  
Ninja Turtles ..... £16.99  
Powermonger ..... £19.99  
Robocop 2 ..... £16.99  
Simulcra ..... £16.99  
Total Recall ..... £16.99  
Ultima V ..... £19.99  
Wolfpack ..... £19.99

## HARD DISK DRIVES

AMIGA A590 20Mb Plug in Drive ..... £299

## RAM EXPANSIONS

512K RAM Expansion, Clock and Switch  
(Total 1Mb Memory Capacity) ..... £32.99  
Very easy to fit and does not invalidate  
warranty  
Can be fitted and tested FREE of charge  
if purchased at same time as computer

## GENLOCK

RENDALE 8809 Genlock ..... £159.99

## MIDI EQUIPMENT

Midi Master Interface ..... £29.99  
Midi Leads Per Pair ..... £5.98



## AUDITION COMPUTER SERVICES,

9A St. Peters Street, Stamford, Lincs, PE9 2PQ.

Send Cheque or phone Credit Card Details for same day despatch  
or come and browse in the shop. All prices include VAT and Delivery.

Telephone 0780 55888 shop hours - 0780 720531 out of hours.





### THE NEW - "BEGINNER'S GUIDE TO AMIGADOS"

This is a highly effective way to take you from a beginner to an expert on AmigaDOS. This very popular package has now been COMPLETELY updated to cover all AmigaDOS versions. The package consists of a guidebook, a tutorial DISC, a crib card and many other exciting and interesting programs. This is a clear and well thought out guide to AmigaDOS. It takes you by simple steps, with many examples through the powerful AmigaDOS commands. The emphasis is on learning through experience and doing - not just reading like most other books. In no time at all you will master a fast, powerful and customised operating system. You can easily include your own pictures, messages and programs. The guide includes an incredibly fast picture loader, a password system, a gallery of high quality pictures, a variety of boot up sequences, other high quality programs and much, much more. Guide book, Disc, Cribcard etc. only **£13.95**

### NEW - "NEW DIMENSIONS"

Some of the most impressive effects yet seen on an Amiga. You will find that graphics and pictures float before your eyes in front of your screen! The depth of the pictures extends up to ten feet into the screen! These fantastic effects have to be seen to be believed. Included on the disc are generous numbers of 3D pictures, 3D graphics, 3D games and a 3D art program. We even provide a tutorial to help you design your own 3D effects on a point package or write your own 3D programs. Included in this excellent package are two pairs of 3D specs. Normal price £13.95 This month only **£11.95**

### WIZARD'S GUIDE TO BASIC

This is a very effective and enjoyable way to learn BASIC. The whole concept is designed to help you learn quickly and achieve impressive results in no time. Your confidence and skills will rise rapidly as you make your way through this course. The Wizard's BASIC guide comes on two discs with a sophisticated electronic book. You can get help in the form of text, moving demonstrations, graphics, sound or speech with just a touch of a button. The course starts at beginner level and carefully rises to expert level. You will learn to master graphics, colour, sound, movement, speech, windows, menus, dataprocessing etc. Hundreds of example programs and demos are included. This is a value packed package which will leave you with a wealth of knowledge and expertise. Excellent value **£13.95**

### MASTERPIECE

"THE BEST PICTURES I HAVE EVER SEEN ON THE AMIGA" reported a recent review. This package takes you on a spectacular trip through the world of art. Every picture is of true quality and is displayed using thousands of colours. To help you enjoy the world's heritage of art to the full we have included comprehensive notes on each artist and painting. Whether you are an art expert or know nothing at all about art, this is a wonderful way to appreciate the great paintings of the world (and appreciate the graphics capabilities of your Amiga as well). The package comes with two discs packed full of pictures and information. Outstanding value - **£8.95**

### EXTRA VALUE!

Buy two or more of the above products and benefit from the following discounts. 2 products - **£2 discount**, 3 products - **£3 discount**, 4 products - **£4 discount** etc. Discounts are given on the TOTAL value of the order. UK P&P - FREE and by FIRST CLASS post. Overseas orders welcome - European please add 50p. Outside Europe please add £1.50 for airmail. All payments in pounds sterling please.

Cheques / P.O.'s to **Wizard Software** (Dept. AF3)  
20, Hadrian Drive, Redhills, Exeter, Devon EX4 1SR

# HIGH QUALITY SOFTWARE

Learn how to write it,  
Get a Recognised Qualification  
and get a good job.

One 'A' Level, good GCSE's or equivalent,  
or just maturity and motivation  
could qualify you to study for a BTEC

## Higher National Diploma in Software Engineering

\* LEA grants and sponsorship with extra  
money and guaranteed job offers available

Contact:- **WATFORD COLLEGE**  
Hempstead Road, Watford, Herts, WD1 3EZ  
Tel (0923) 57613 (24 hrs)  
Course starts 1st October



0530 411485

# ASHCOM



0530 411485

## YOU NEED 512K NOW HOW MUCH WILL YOU NEED TOMORROW?

THE NEW ASHCOM RAM EXPANSION IS EXPANDABLE TO  
**1.8Mb**  
GIVING YOU 2.3Mb OF SYSTEM RAM

### FEATURES:

- ★ Real Time clock/calendar with high capacity Nicad battery backup
- ★ Memory disable switch
- ★ Low power consumption
- ★ Buffered Data Bus (Essential for high capacity Ram boards)
- ★ Plugs in as A501 NO SOLDERING!!
- ★ 12 Months warranty
- ★ Configures to 1Mb chip ram when FATTER AGNUS is enabled

**ONLY £59.95** for 512K version.

Expander Board **£15.95.**

Expanded to 1Mb **£99.95**

Expanded to 1.5Mb **£128.95**

Fully expanded to 1.8Mb only **£154.95**

**ASHCOM 512K RAM EXPANSION  
WITH REAL TIME CLOCK/CALENDAR AND  
DISABLE SWITCH ONLY £39.50  
WITHOUT CLOCK £34.50**  
Gives 1Mb chip RAM with Fatter Agnus

**8372 A  
FATTER AGNUS  
£59.00**

**1.3 KICKSTART  
ROM  
£28.00**

All prices include  
VAT and delivery

Rams only  
**£30**  
per 512K

**NEW**

**BOOT SELECTOR WITH ANTI CLICK  
ONLY £19.95**

Selects DF0 or DF1 as boot drive and eliminates  
that annoying click when drive is empty.  
Easy to fit - just plugs in

**NEW**

### READ THIS

FREE REGISTRATION WITH THE  
**ASHCOM USER CLUB**

Fill in the coupon below to register  
with the Ashcom User Club and  
receive exclusive information on new  
Ashcom products. With each free  
mailshot you will receive a massive  
**10% discount voucher.**  
**10% discount** off any order received  
with registration. No more endless  
sifting through adverts for a good  
deal.

NAME .....

ADDRESS .....

.....POST CODE .....

**NO OBLIGATION TO ORDER  
WHEN REGISTERING.**

Only from **ASHCOM, 10 The Green, Ashby-De-La-Zouch, Leicestershire, LE6 5JU**

Telephone: **(0530) 411485** Fax: **(0530) 414433**

MON - FRI  
9.30 - 5.30  
SAT 9.30 - 4.00



# 17 Bit Software

*That Bit Better Than The Rest!!*

PO Box 97, Wakefield WF1 1XX, England. ☎ 0924 366982

The UK's Largest Amiga Only PD User Group, over 1000 Top Quality Public Domain Disks and over 17,000 members in our friendly club!! Please put dept Amiga Format on all orders

## LATEST ADDITIONS TO THE LIBRARY

- 792 - Gary Tower Slide Show (Brill)
- 791 - Tobias Richter Slide Show on
- 790 - two Disks (791, 790) Stunning
- 789 - Anarchy Music Disk
- 788 - Wrath of Demon Product Demo
- 787 - Warfalcons Music Disk
- 786 - Neutrons Music Box
- 785 - Opti Utils 1 (Essential Utils)
- 784 - Bowl V.2
- 783 - Golden Fleece Solution
- 782 - Dungeon Master Solution
- 781 - Games Galore Volume 2
- 780 - Exorcist Virus Killer Disk
- 779 - Another Great Utils Disk
- 778 - Music Utils 1 (Noisetracker etc)
- 777 - Star Wars Demo on two disks
- 776 - One For All Star Wars Fans
- 775 - Property Market PD Game
- 774 - Intro's 48 Fantastic Demo's
- 773 - Cave Music Disk
- 772 - Music Disk
- 771 - Adventure Games Hints and Tips
- 770 - Games Solutions and Hacks
- 769 - Brand New Coms Disk!!
- 767 - House Music Samples
- 766 - House Music Samples
- 765 - House Music Samples
- 764 - 1 Meg Madonna Anim (Great)
- 763 - Fonts Disk
- 762 - Stealthy 2 1 Meg Anim!!!
- 761 - Demons Slideshow 3 (Amazing)
- 760 - Up + Running Utils
- 759 - Games Galore (10 PD Games)
- 758 - 100 C64 Conversions (The Biz!!)
- 757 - Indy 500 Rolling Demo (Superb)
- 756 - Crionics Neverwhere Demo
- 755 - Silents Music Disk
- 754 - Whatever Next Utils Disk
- 748 - Med V2.01
- 746 - PD Shoot Em Up
- 778 - Dir Master V3.0 Better Than Climate For a Mere 2 pounds

ALL ABOVE DISKS ARE JUST £2.00 INCLUDING POSTAGE AND PACKAGING. COME TO 17-BIT PROBABLY THE ONLY PD LIBRARY YOU WILL EVER NEED. CLUB MEMBERS ALSO GET DISCOUNT ON ALL MAJOR SOFTWARE RELEASES

## ZYDEC RAM EXPANSION

Upgrade your Amiga 500 to 1 Meg of Memory with the Zydec 512K expansion Fitting neatly into your Amiga this compact unit comes complete with a One year guarantee and an on/off switch.

**ONLY £32.95!!**

Or £39.95 with special 5 disk 1 Meg PD pack!!!

## 17-BIT TOP 10

- 595 and 596 Star Trek 2 Disk Game
- 645 Viz Calendar
- 651 Mental Hangover
- 671 Maria Whittaker Slideshow
- 688 Horror Slideshow
- 722 Amaze Music Disk
- 761 Demons Slideshow 3
- 770 Games Hacks and Tips
- 781 Games Galore Volume 2
- 792 Gary Tower Slideshow

## 17-BIT OFFER A WIDE RANGE OF PUBLIC DOMAIN SOFTWARE PACKS. LISTED BELOW ARE JUST A FEW, PLEASE PHONE IN FOR MORE DETAILS.

### CLASSICAL MUSIC PACK

Three superb music disks, and a catalogue, all for only £6.50

### MUSIC CREATION PACK

A 5 disk pack for only £7.99. Pack includes disk 778, octylizer and noise tracker, disk 440 soundtracker rippers and play routines, disk 482 games music creator, disk 478 sound mon, disk 479 samples disk for all above disks.

### QS+CD

Popular pack that introduces you to all aspects of pd, features great music, great utils, and great games. Available at an unbelievable £6.50

### SAMPLER PACK

As it says a selection of just about everything PD has to offer, at only £11.00 for 7 disks it represents an ideal way to try out 17-Bit.

### ASTRONOMY PACK

A 3 disk pack which includes the latest catalogue and 2 superb astronomy disks, 173 Amigazer and disk 223 Starchart. Only £5.00

### GAMES TIPS PACK

3 disks for only £5.00 with solutions, tips, hints for 100's of current and old game titles, with lifetime membership to 17-bit you just can't go wrong, complete all those games that you gave up on a long time ago!!!

### 5 ISSUES OF THE LEGENDARY 17-BIT UPDATE

Yes 5 issues of the update for only £5.00 that's only a pound each, which includes all postal charges, and lifetime membership, and also special offers which arrive with each monthly update.

### BLANK DISKS

Blank disks are now only £5.99 for 10 complete with labels, (to club members only!!!)

### AMOS PACK

7 disks to help you get the most out of Amos, only £9.95. A must for all those who own this excellent programming package.

Also available Demo Pack 1 and 2. Graphics Pack 1 and 2. Adult Pack, 1 Meg Pack 1 and 2. Music Pack 1 and 2 and Utility Pack. All are £11.00 each and all represent fantastic value.

WE ALSO PROVIDE A SUPERB CHRISTMAS MUSIC DISK WHICH IS ONLY AVAILABLE EXCLUSIVELY THROUGH 17-BIT ONLY £2.00 EVERYTHING ABOVE GIVES LIFETIME MEMBERSHIP TO 17-BIT AND OPENS UP A WHOLE NEW WORLD FOR YOUR AMIGA!! DON'T DELAY ORDER TODAY.

## WE ALSO STOCK

- FISH-1 TO 360
- AMICUS-1 TO 26
- AMIGAN-1 TO 23
- T-BAG-1 TO 42

All these including the whole range of PD in our library are only **£2.00 EACH**

## MEGA DOS

Mega Dos is an Amiga dos manual - on-disk designed to be an easy to use self help reference and tutorial for understanding the CLI and WORKBENCH.

MEGA DOS IS NOT PD AND IS ONLY AVAILABLE FROM 17-BIT SOFTWARE OUTSTANDING VALUE AT £6.95

IT ALSO NOW COMES FREE WITH DIR MASTER V3.0 AN UNBEATABLE PD FILE HANDLER SIMILAR TO CLIMATE.

## 17-BIT SOFTWARE ARE OPEN

From 9.00 am to 8.00pm Mon to Friday and 9.00am to 5.30pm on Saturdays. We take all major credit card orders over the phone.

**TEL: 0924 366982**

Postal orders and cheques should be made payable to 17-Bit Software. 10 disks are £18.00 or any one disk £2.00



# PD Update



Another adventurous journey of exploration into the universe of free software.

**PAT MCDONALD** is your guide to taking a walk on the serious side, while

**MAFF EVANS** dons hip street attitude clothes and checks out the Demos.

## C-LIGHT

SENLAC SOFTWARE 1003



Although the ray-tracing results obtained by *C-Light* cannot quite compare with those of the more expensive commercial products, worthwhile efforts can be achieved.

If you've ever wanted to try your hand at creating ray-traced images but don't want to spend a lot of money on *Turbo Silver* or *Sculpt*, take a look at this. *C-Light* is a simplified ray-tracing program by Ronald Peterson that gives you some ground knowledge and hands-on experience.

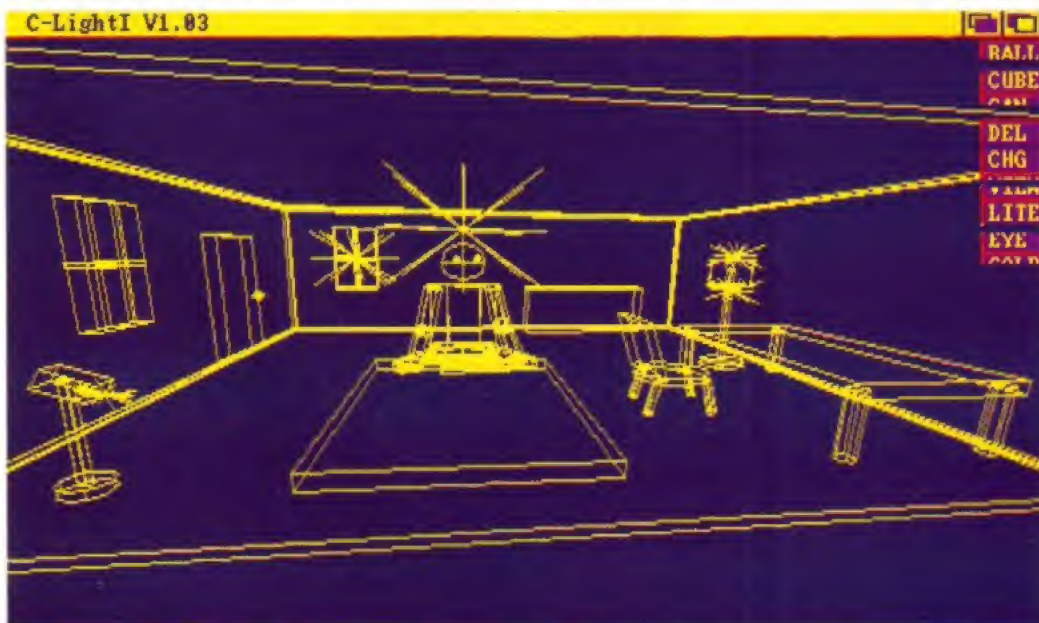
Ray-tracing, for the uninitiated, is a technique whereby a 3D scene is defined in outline on a computer. When the layout of all the objects is to the operator's satisfaction, the computer goes off and traces all the possible light rays bouncing around the scene. The result is correctly-shaded 3D scenes with perspective, surface textures and shadows all perfect.

*C-Light* works in two parts. First the scene must be worked out. Up to 170 objects can be placed around the 3D world – they must be cubes, spheres or cylinders. Each one can be stretched and rotated, so quite a large amount of messing about is needed. At this stage all you can see is the edges of the objects – a 'wireframe' outline.

Once the scene is all right, a different program must be run to do all the ray-tracing. Different lamps (to illuminate the scene) can be placed around, and the observer's viewpoint is set. Ray-tracing is a notoriously slow and horrendously complex operation, so be prepared to wait for a while.

Final results with *C-Light* are pretty good considering that the program is PD. A registration and legal document file must accompany the program, but you're free to give it to whoever you want. Registration costs \$25, with further updates, a printed manual and similar goodies offered.

Continued on Page 120 ▶



In the first step towards ray-tracing using *C-Light*, different objects added together are used to build up complex shapes in the wireframe editor.



# Crazy Joe's

AMIGA PUBLIC DOMAIN SOFTWARE

DEPT. AF, 145 EFFINGHAM ST, ROTHERHAM,  
SOUTH YORKSHIRE, S65 1BL

## DEMOS & ANIMATIONS

- 085 Red Sector Megademo (2)
- 107 RAF Megademo (2)
- 157 Cool Cougar Animation \*
- 161 Kylie Minogue Demo (2)
- 240 Puggs in Space Cartoon
- 483 Elvira Demo
- 574 Laurel & Hardy (2)
- 646 Predators Megademo (2)
- 744 Red Sector Cebit Demo
- 747 Popeye Meets the Beachboys
- 756 Scanners Animation (X)(2) \*
- 771 Congaman Animation \*
- 772 Applecus Animation \*
- 773 Shark Animation \*
- 825 Budbrain Megademo (X)(2)
- 853 Dragons Lair Demo \*
- 854 Bread / Home & Away Demo
- 865 Coma Demo
- 884 Alcatraz Megademo (3)
- 888 Treacl Megademo (3)
- 895 Trip To Mars
- 897 Scoopex Mental Hangover
- 903 Shadow of the Beast 2 Demo
- 906 Madonna Cartoon Animation \*
- 913 Elvira Activities Disk
- 919 Katharis Megademo
- 932 Pain Is Just The Beginning
- 936 Not Nine O'Clock News 1 (2)
- 944 Magnetic Fields CD Demo
- 946 Subway Clapping Hands
- 947 Mars Flight Animation \*
- 954 Teenage Mutant Hero Turtles
- 964 Operation Vark!

### DEMOS PACK

A great collection of demos :  
Wild Copper, Cebit 90, Coma,  
Elvira, Mental Hangover,  
Rebels MD2, Anthrox "Pain", and  
Popeye Meets the Beachboys!

8 Disk Set.....£10.00

- 971 Not Nine O'Clock News 2 (2)
- 988 Warfalcons Purple Demo
- 989 Intuition Megademo
- 1001 Station at Khern \*\* (3)
- 1033 At the Movies \*\*
- 1034 Stealthy \*
- 1043 Razor 1911 Vertical Insanity
- 1053 Not Nine O'Clock News 3 (2)
- 1064 Dream Warrior Demos \*
- 1065 Evolution 63 Demos \*
- 1072 Rebels Tuttle Fruitie Pak II
- 1088 Epic Demo \*
- 1092 Pharaoh Animation \*
- 1105 Crionics Neverwhere Demo
- 1108 Looney Tunes Animation \*
- 1110 Fractal Flight
- 1188 Fillet The Fish
- 1189 Donald Duck Animation \*
- 1190 Pussy : Innership
- 1200 Raiders of Lost Ark Anim \*

### BLANK DISKS

10 FOR £4.99  
WITH DISK BOX £5.99  
50 FOR £23.50  
WITH DISK BOX £28.00  
100 FOR £45.00  
WITH DISK BOX £50.00

## GAMES

- 037 Moria RPG \*
- 045 The Golden Fleece Adventure
- 068 Adventures Disk 1
- 117 Monopoly
- 121 Stone Age
- 135 Classic Board & Card Games
- 151 Chinese Chequers \*
- 172 Flaschbier Game
- 219 Tennis \*
- 251 Blizzard
- 314 Breakout Construction Set
- 315 Return to Earth
- 496 Holy Grail Adventure \*
- 498 Wanderer Game
- 567 Turrican Playable Demo
- 680 Learn & Play (2)
- 689 Eat Mine
- 690 Marathon Mine 3
- 727 Tobias Richter's Star Trek (2)
- 766 Treasure Hunt (Age 6-10)
- 823 Pseudo Cop Game
- 938 Computer Conflict
- 957 Pipeline
- 962 Dripl \*
- 987 Snakepit
- 991 Jeopard \*
- 1004 Games Disk 9
- 1084 S.E.U.C.K. Games
- 1091 Entropy
- 1113 Wet Beaver Games

### GAMES PACK (1-8)

37 Titles on 8 disks including  
Asteroids, Tiles, Bally 2, YachtC,  
Invaders, Fruit Machine, H-Ball,  
Block Off, Sys, Pool, Shoot Out,  
Peter's Quest, and many more!  
8 Disk Set.....£10.00

## SLIDESHOWS

- 21 TSD Slideshow V3.0
- 78 Vallejo Fantasy Art (2)
- 84 Mega Art Disk
- 163 NASA Slideshow
- 171 Patrick Nagel Pictures
- 282 Forgotten Realms
- 299 Roger Dean Slideshow
- 617 Neighbours Slideshow
- 651 Sun Connection : Slide III
- 716 Robocoop Slideshow
- 723 C-Dryk's Slideshow 2
- 725 Diggy Piggys Slideshow (2)
- 742 Madonna Slideshow
- 767 Cinemaware Slideshow
- 768 Action!
- 814 Viz Slideshow
- 831 Utopia Cartoon Slideshow
- 832 Utopia Photomontage 3
- 863 Scream Queens (2)
- 878 Sun Connection: Sun Slide 3
- 891 Creepshow
- 899 Madonna Slideshow 2 (2) \*
- 907 Bruce Lee Slideshow (3)
- 915 Apol's Digi-show
- 934 Fractal Factory 1
- 942 Garfield Slideshow
- 968 Gorezone Slideshow (X)
- 980 Heroic Dreams Vol. 3
- 981 Daz DigiShow 3: Grand Prix
- 1044 Desert Island Slideshow 2
- 1050 Space Slideshow

## DISK PRICES

1 - 9 = £1.50 PER DISK  
10 - 19 = £1.25 PER DISK  
20 + = £1.00 PER DISK

POSTAGE FREE IN UK  
EUROPE ADD £1.50  
ELSEWHERE ADD £2.50

SEND 17p STAMP FOR  
FREE CATALOGUE DISK  
AND LIST OF TITLES

## SLIDESHOWS

- 1051 Total Recall Slideshow
- 1052 Japan Culture Slideshow
- 1062 Golems Gate Slideshow
- 1073 Fraxion Fantasy Slideshow
- 1082 Annie Jones Slideshow
- 1083 Heroic Dreams Vol. 4
- 1085 Comic Slideshow (X)
- 1103 Girls of Sports Illustrated
- 1111 Fractal Factory 2
- 1112 Fractal Factory 3

## MUSIC

- 166 Vangelis \*
- 187 Crusaders Audio X
- 237 Zee's Hip Hop Music Disk
- 409 Crusaders: Freakd Out!
- 418 Electric Youth (2)
- 497 Amiga Chart 5
- 552 Music Invasion 3 (2)
- 654 Powerlords Power Musix 2
- 696 Time Circle Music Disk
- 713 Flash! - Queen (2)
- 722 Beatmaster Club Mix
- 724 Technotronic Remix
- 746 Crusaders Bacteria
- 765 Ipeceue Music Madness
- 824 Digital Concert V
- 833 DJ Disco Leif 2
- 856 Vocal Attack 2
- 866 Pan III Music Disk
- 870 Bruno's Music Box 2
- 892 Trade Music Disk
- 910 Darkling Lords Music Disk 2.5
- 914 Special Brothers Music 2
- 922 Phalanx Beatbox
- 923 Flash: Masters at Work
- 924 Game Boy Music Disk \*

### SOUNDTRACKER SPECIAL

The great PD music creator, plus  
rippers, songs, instruments,  
modules and module players.  
Great pack for beginners.  
8 Disk Set.....£10.00

- 930 Rebellion
- 935 Madonna: Hanky Panky
- 941 Soundtracker Mod. Jukebox
- 955 Beyond 2000 Music Disk
- 958 Hitman: Disco Fever
- 959 Scorpions : Eargasm II
- 960 Cryptoburners Music Party
- 969 100 C64 Games Tunes
- 970 The Comic Strip Remix
- 976 Scoopex: Beast Sonix
- 985 TSK: Games Music Disk
- 986 Amaze : Revolutions
- 993 PSA Music Demodisk 1
- 994 Zarch Music Collection 1
- 995 Energy: Sound Splash 3
- 1026 Digital Concert VI
- 1027 Anarchy Music Comp
- 1029 Digital Sound Volume 2
- 1055 Alcatraz Music Disk
- 1061 Captured Imagination
- 1068 Exile Chipshop
- 1074 Dexion Music Disk
- 1077 Superior Sounds V1.1
- 1080 DMOB Music Disk 4 (2)
- 1104 Hymns from the Bible 3
- 1107 Stop Fight Now! \*

## TELEPHONE ORDERS (0709) 829286



\* = 1 MEG REQUIRED  
FIGURES IN BRACKETS  
INDICATE NO. OF DISKS  
(X) = OVER 18's ONLY

## REALLY USEFUL

- 014 Games Music Creator
- 035 Spacewriter
- 081 UEdit Word Processor
- 094 Zodiac Compilers/Archivers
- 110 Disk Utilities
- 111 Graftix Utilities 1
- 118 Graftix Utilities 2
- 119 Amiga MCAD
- 152 Virus Killers Disk
- 180 Pagesetter Clip Art
- 181 Perfect Sound
- 182 Mandelbrot Explorer
- 205 RAM Manager
- 210 Icons!
- 259 Ultimate Bootblock Coll. (2)
- 329 Pseudo-Ops Virus Killer V2.1
- 343 Intromaker
- 346 TV Graphics (2)
- 360 Digitised Samples / Player
- 380 PD Spectacular
- 410 DPaint Cartoon Brushes
- 442 DPaint Fonts Disks (4)
- 456 Chet Solace Extravaganza
- 458 HAM Radio Special (5)
- 536 Red Devil Compacting Utils.
- 537 Red Devil Utilities Disk 3
- 546 Iconmania!
- 571 Jazzbench
- 580 Dope Intro Maker
- 590 Amiga System Checker
- 591 Business Card Maker
- 595 Amateur Radio Disk
- 661 Programming Disk
- 682 Sound Applications (2)
- 684 Video Applications (2)
- 692 Full Force Mega Utilities 2
- 697 Graphics Management (2)
- 709 ANC Utilities Disk 20
- 712 Slipstream Virus Killers
- 718 Rastan Utilities Disk 2
- 729 8 Track Soundtracker
- 752 AMOS PD: STOS to AMOS
- 834 Nightflyers Utility Disk 1
- 901 The Comms Disk
- 902 QED Text Editor

### HOME BUSINESS PACK

Nag, Bank'n, Journal, QBase,  
Spread, Wordwright,  
AmigaSpell, Inventory,  
MemoPad, plus more.  
8 Disk Set.....£10.00

- 950 Mercenary Virus Killers Disk
- 952 Workbench Fun!
- 1022 AMOS/RAMOS Update 1.2
- 1023 Future Composer
- 1035 AMOS .ABK Modules 1
- 1058 Zero Virus V3.0
- 1071 Noiseplayer V3.0
- 1078 Prophecy: Fractal Scape
- 1079 Prophecy: Coder Mag 1
- 1086 MED V2.13
- 1095 Catalogue Workshop (2)
- 1097 DTP Clip Art (2)
- 1109 Nightflyer's Utility Disk 2
- 1117 Genealogy \*

WE ALSO STOCK  
T.B.A.G., AMOS PD, AND  
FRED FISH DISKS



**AMIGA P.D. 95p EACH DISK**

PLEASE ADD 50 PENCE TO THE TOTAL ORDER VALUE FOR P/P. LISTS OF OVER 500 DISKS AND ADULT DISKS SENT WITH YOUR ORDER

- |  |  |
|--|--|
| 4 Walker demo 1 terrific animation*        | 441 Pseudo cop game, horizontal shoot em up.                                       |
| 5 Walker demo 2 as above but different *   | 444 Fillet the Fish, very good animation   |
| 6 Kaktus & Mahoney music 10 tracks, brill  | 448 Teutronics music CD4, more good stuff  |
| 8 Muzzax 6, 12 tracks of great music       | 455 Kefrens Jukebox Music, very good   |
| 12 Bootbench V2.0, demo or intro maker.    | 458 Castle of Doom, adventure game   |
| 13 Lam an adventure game, good             | 459 Buggy Commando, playable demo  |
| 20 Forgotten realms slideshow, impressive. | 530 Power Surge music disk 14 tunes, good.   |
| 22 Kefrens mega demo 7, very good          | 529 Amiga chart 3, music by Radio Poland   |
| 24 Elvira game demo, terrific              | 528 Rebels Mega Blast, 9 fantastic tunes   |
| 26 Juggler demo, an old classic            | 522 Avrex Slideshow, great fantasy pictures.                                       |
| 31 The famous Probe Sequence               | 520 Alcatraz Mega demo, DEVILS KEY 3 disks.  |
| 33 Amos, the game creator demo             | 514 Flash Digital Concert 6, more good music                                       |
| 41 Puggs in Space, one of the best         | 511 Train Construction Set, great game   |
| 53 Enemies music 3, 16 great tunes.        | 509 Watership Down, lovely slideshow.  |
| 65 Cryptoburners music, brill 9 tunes.     | 507 Sounds of Gnome, brill music by Mahoney  |
| 77 Dexion music, 10 tracks very good.      | 482 Channel 42, great, 35 high res pictures  |
| 78 Holy Grail, very good text adventure    | 484 Garfield Slideshow, all pictures in colour                                     |
| 79 The Education of Cool Cougar anim *     | 478 Kylie Minogue "Made in heaven" 2 disks   |
| 95 Dexion mega demo, very good, get it.    | 34 Forgotten Realms, fantasy slideshow   |
| 101 The famous gymnast demo excellent*     | 44 Trilogy Mega demo, superb demo 2 disks  |
| 318 Dope the intro maker, make your own    | 45 Kefrens Mega demo 8, Fantastic 2 disks  |
| 323 Digital Concert 3, 12 mins of music    | 53 Nasa pictures, space picture slideshow  |
| 333 Digital Concert 4, more great music    | 83 Miller Late demo, "He ain't heavy" the Hollies                                  |
| 341 Popeye meets the Beachboys, funny      | 104 Yellow Mix, great acid type music.   |
| 383 Golden Fleeca, brill text adventure    | 115 Rebellion Music by 4 Matt, 5 great tunes.                                      |
| 376 Reflections 1, half hour music         | 121 Mental Hangover by Scoopex, great demo   |
| 378 Reflections 2, over 40 mins of music   | 132 Dragons Mega demo, a very good disk.   |
| 394 Stamp collector, animation             | 144 Music Maestro 6, Jukebox demo, 9 tunes   |
| 395 D-Mob music 2, 10 tracks, 26 mins long | 518 Rave Demo, way out music, crazy graphics                                       |
| 416 The Definitive Jarré Show, music       | FRED FISH disks now stocked from 161 up to 360. Fish catalogue disk now available. |
| 440 Elite Major, music, ten tunes good.    |  |

**GUARANTEED**

**NO MEMBERSHIP FEES, FIRST CLASS RETURN OF POST SAME DAY SERVICE, TOP QUALITY DISKS, AND VERIFIED. VIRUS FREE, NO HIDDEN EXTRAS THE PRICE YOU SEE IS THE PRICE YOU PAY**  
**BLITTERCHIPS, "CLIFFE HOUSE", PRIMROSE STREET, KEIGHLEY, WEST YORKSHIRE BD21 4NN.**  
**TEL/FAX (0535) 667469 10am - 7pm Mon - Friday 9am-4pm SAT. OFFER APPLIES TO U.K ONLY. SORRY MAIL ORDER ONLY.**  
**PLEASE NOTE DISKS MARKED \* REQUIRE 1 MEG OF MEMORY**



**Amiga P.D. Software**

1-5 disks at £1.50 each      6-10 disks at £1.25 each  
 11 Plus disks at £1.00 each

£5.00 membership per year - which includes free Fanzine, free PD disks and 4 updates per year and 10% discount on all PD software

**ST/Amiga Fanzine £1.75 + 20p P&P**  
 ISSUE 9 with FREE Disk FREE P.D. List

**Picture Digitizing for the Amiga**  
 £4.50 per disk (6 pictures)

**Sound Sampling Service for the ST/Amiga**  
 £2.50 per disk (10 samples) Sampling disks now in stock

**For details contact us at:-**

**Sector 16 160 Hollow Way Cowley Oxford**  
**Tel: 0865 777146/774472**

Please make Cheques / P.O.'s payable to ANDREW HAMILTON and SIMON GLEED

**Sagittarian PD**

FOR THE AMIGA - 99p PER DISK PLUS 50p P&P PER ORDER  
 SAE FOR FREE PRINTED CATALOGUE - CATALOGUE ON DISK 70P

<b>UTL31</b>	Includes ST EMULATOR that runs loads of non crunched software, X-Copy 3, Powerpacker V2.3b, Noisetracker V2.0, Virus X 4.4	<b>DEM55</b>	Sub 199
<b>Fish 23</b>	Lattice C V3.03 with include files	<b>DEM56</b>	Celtic Demopack
<b>Fish 337</b>	C Manual (1 disk archived or 3 disks unarchived, please state)	<b>DEM57</b>	Inner City Demodisk
<b>Fish 344</b>	ROM Kernal Reference Manual Companion	<b>UTL32</b>	Amiga Tool v1.6
<b>DEM52</b>	Dexion Tube Pack 9	<b>GRA12</b>	Dr Who digitised slideshow 1
<b>DEM53</b>	Paradox Docs Disk (2 disks)	<b>GRA13</b>	Dr Who digitised slideshow 2
<b>DEM54</b>	MF Demo Comp	<b>GRA14</b>	Star Trek: The Next Generation digitised slideshow 1
		<b>GRA15</b>	Star Trek: The Next Generation digitised slideshow 2
		<b>DEM58</b>	Byte Busters Min Megademo
		<b>DEM59</b>	Exult demos
		<b>DEM60</b>	Cult Megademo 2

PLEASE ADDRESS MAIL TO: PAUL BROWN, (AF6)  
 104 WOOD STREET, LONDON, E17 3HX  
 CHEQUES/P.O.'s PAYABLE TO P.A. BROWN NOT SAGITTARIAN PD

**Vally PD**

PO Box 15, Peterlee, Co Durham. SR8 1NZ  
 Tel: 091 5871195. 9am - 6pm. inc Saturday.



\* Denotes 1 Meg! **Quality Amiga PD.**

**Only 95p!**  
 per disk +45p p&p

- |   |   |  |   |
|---|---|--|---|
| <b>DEMOS &amp; ANIMATIONS:</b>                | <b>MUSIC &amp; MUSIC UTILS:</b>               | <b>BUSINESS &amp; SERIOUS:</b>               | <b>GAMES + PREVIEWS</b>                         |
| 001 Juggler & Walking cat: Two of the best!   | 016 Slaby music: Mega jazz funk rock music!   | 057 Chet Solace: 26 utils on this disk!      | 043 Holy Grail: Good text adventure.            |
| 002 Turtles demo: A must for Turtles freaks!  | 032 Technotronic demo: great sampled music!   | 117-120 TV graphics, 4 disk set for £3.50!   | 268 Computer conflict: A nice shoot up!         |
| 003 Probe demo: Fabulous demo been on TV!     | 060 Mega 64 music: 100 C64 tunes, brilliant!  | 121-123 QI Emulator 3 disks for QL fans!     | 356 Pacman 87: Good pacman clone!               |
| 007/8 Kefrens Megademo VIII: This is fab!     | 112 Digital concert VI: Latest in the series! | 153 Jazzbench: Fab Workbench alternative     | 368+369 Star Trek: Brill 2 disk game! 2         |
| 012 The run anim: Fab anim by Mr Richter.*    | 124 Zarch music: An excellent music disk!     | 154 Iconmania: Great for icon creation!      | 375 Mechforce: Battle strategy game             |
| 015 Crionics demos: inc fab Madonna demo.     | 156 Soundtracker: Various versions + songs.   | 251 Fonts: inc large fonts & ramanager!      | 379 Bionix Challenge: Brill shoot up demo!      |
| 021 Dragons Megademo: inc unlimited bobs!     | 157 +158 Loads of Soundtracker samples! 2     | 271 Rim Database: Good database program      | 424/425 Learn & play: fun for the kids! 2       |
| 026 Crusaders Bacterium: fabulous!            | 170 Robocop demo: Demo with sonix music       | 272 Flexibase: An easy to use database.      | 426 Amigaman games pack: 10 games!              |
| 049 Scientists 451: Great Megademo!           | 190 Games music creator: Another good prog.   | 273 Home utils: Wordwright Supercalc etc     | 443-445 Star trek: The 3 disk version, great! 3 |
| 091 +092 Newteck demo III: Amazing! (2)*      | 240 Sonix Play: A sonix player + music, good! | 274 Analyticalc: Good spreadsheet            | 451 Tennis game: Great Shareware game! *        |
| 103/4 Budbrain Megademo: Brill (2 disks)      | 244 Deluxe music data: inc midi scores!       | 276 Dirmaster/Bankin: Good business stuff    | 458 Gamesdisk: Caverunner & Car, good!          |
| 203 Slipstream comp: inc follow me, Impact    | 245 Mididisk: Lots of progs for synth owners! | 278 Uedit: Wordprocessor program.            | 481 Gamesdisk: inc Cluedo, Othello cribbage     |
| 210 No limits: inc amazing 'Hunt' demo.       | 246 Fish 323: Casio CZ editor 200+ patches!   | 279-281: Darkstar utilities 2-4 (3 disks)    | 514 Treasure Island: Fun game for the kids!     |
| 314 Crionics nowhere: Great Megademo!         | 248 Amiga chart III: Black Box & Queen!       | 282 Rippers & Crunchers: very useful.        | 555 Amigaman gamespack 2: Drip, Chess etc       |
| 357 +358 Predators Megademo: Brilliant (2)    | 258 Jamcracker: Music prog + other utils!     | 286 DBW: Great ray trace prog & pics!        |   |
| 363 Vision Megademo IV: Excellent!            | 263 Med 2.01: New music prog with midi!       | 295 Fish 327: Messydos convert PC-Amiga!     | <b>SLIDESHOWS:</b>                              |
| 367 Epic preview: Fab preview of new game!    | 317 Fish 300: Realtime Pitch converter etc!   | 296 Fish 328: Analyticalc Hames Roadroute.   | 018 Nightbreed slide: brill quality pics!       |
| 409 Fractal flight: Fab rapid flight demo!    | 322 Samples: Perfectsound sampler +samples    | 297 Fish 334: FBM Graphics converters        | 040 Spacebubbles: Fab Boris Vallego pics!       |
| 411 Busy bee demo: Brill ray traced anim!*    | 400 Beatmaster Clubmix: 17 mins of House!     | 301+302 Clipart: 2 disks full of clipart!    | 044 Super Ham Cars: Absolutely stunning!        |
| 435 Ensignia comp: Includes a drum machine    | 422 La Marque Jaune: Great Sonix music!       | 308 North C compiler: C compiler             | 045 Roger Dean slide: Great pics + music!       |
| 440 Cryptic demos: Brill inc modesty vectors! | 428 TSR music 5: Superb Technotronic stuff!   | 309-311 C Manual on 3 disks £2.85            | 067 Dynamite Hires: Unbelievable quality!       |
| 500 Goldfire Megademo: Nice demo!             | 450 Crusaders latest!: This is brilliant!!    | 316 Sid v1.6: Excellent directory utility.   | 078 Agatron 8: Fab Tobias Richter pics!         |
| 512 Katharsis Megademo: A good Megademo.      | 510 Burning Independence 2: 6 fabulous tracks | 461 Basic: Basic progs inc Deluxe draw etc.  | 079 Agatron 6: Stunning ray traced slides!      |
| 535 G demopack: Contains 6 great demos!       | 513 Depeche mode music: Music of the band!    | 474 Fish 350: Stichery needlework & icons!   | 134+135 Channel 42 + Silents, brill pics! 2     |
| 537 Inner city demos: Neat demo pack!         | 520 Mirage UK music 1: Great music disk!      | 489 Graphics disk: Lots of useful utilities. | 150 Album slide: Slide of rock album covers     |
| 545 Mag fields pack: 7 great demos, a must!   | 534 Dmob 3: Amazing 4 mins of samples!        | 544 Dcopy: Good copy utility disk.           | 370 Colour cycling: great pics + animations.    |
| 549 Anthrox Hotpack II: Nice selection!       | 538 Zarch 2 music: 2nd great disk!            | 550 Red sector demomaker: Great utility!     | 482 Slide: Fantasy art slide in Ham mode!       |
| 556 Elvira demo: Good pre product demo!       | 546 Cyron music: Nice music, 8 tracks!        | 560 Boot utils: Lots of useful programs!     | 539 Demon Slideshow II: Great pic collection    |

Remember this is only a small selection of many hundreds of titles we have in stock, send for our catalogue disk for a full list of our PD, for only 75p including P&P! Please add 45p to your order if less than 10 disks. If you order 10 disks or more you get a **FREE** disk & **FREE** post! All orders will be entered into our free draw to win 25 PD disks of their choice. To order please send a cheque or postal order, made payable to 'Vally PD' or phone in your Access or Visa number, (only 5 disks or over) for the quickest cheapest and highest quality service possible! Why pay more?





The puzzle game *Thingamajig* is simple to use, fun - and slightly educational into the bargain!

**THINGAMAJIG**  
AMOS PD LPD4

*Thingamajig* is a puzzle game aimed at young children. There are 24 different puzzles to complete, and each attempt is timed. This is one of the best PD programs I've seen in a long time. The presentation is just right, very colourful with a good tune going: spot on for young children.

The puzzles consist of pictures which are split up into different sections. A piece appears at the top right of the screen, and it has to be pasted into the correct position on the picture with the mouse.

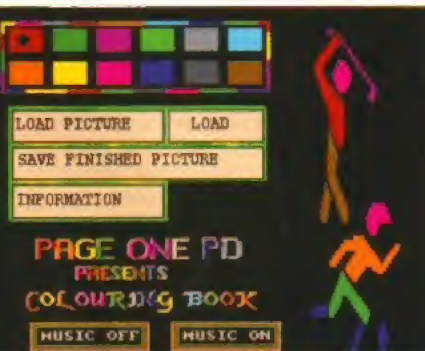
There is a large help icon on the screen - when this is selected the piece flies to the correct position, pauses and then returns. This adds a time penalty, so you don't want to do it too often.

**COLOURING BOOK**  
AMOS PD LPD1

This is similar in some ways to *Thingamajig*, and in others totally different. Again, the idea is to colour in pictures: the difference is that there isn't any puzzling to be done. It's a creative program rather than a test.

The colouring book runs on two screens. The first is used to load in pictures, to select colours and so on. When the right mouse

**Continued on Page 124**



*Colouring Book* is easy enough to understand - most children would find the system really very simple and enjoyable.

# Demos Corner

**PD demos! Get yer PD Demos 'ere! You've got yer Batman, you've got yer Teenage™ Mutant™ Ninja™ Turtles™, you've got yer cutesy anims. We've got the lot 'ere! Get all yer bona PD Demos 'ere from honest MAFF EVANS. Yes, Madam, at the front there...**



**BATMAN MOVIE DEMO**  
REQUIRES 1 MEG  
SENLAC SOFTWARE DISK 1001

Not, as you'd expect, a simple bit of digitising from the movie with a house backing track, but a totally original cartoon animation. The whole thing works insidiously towards a really crap gag, but it's very nicely done and worth a chortle or two - especially the end theme tune!



**DESERT ISLAND SLIDESHOW**  
CRAZY JOE'S DISK 1044

Not much originality here, since all the pictures have been compiled from other slideshows. Still, there are some good piccies on there, so it may just be the thing for new graphically-orientated Amiga users. Be warned, though, that this demo contains potentially dangerous lift music!



**ANOTHER GARY TOWER SLIDESHOW**  
17-BIT DISK 792

Yet another collection of frames from the ruler of the ray-trace and the father of fractals, this time put together by the Crusaders. It contains your usual Gary Tower stuff, such as silver ball-bearings resting on an Amiga keyboard, along with some other rather impressive pics. The metallic head (pictured below) is particularly worth a look.



**FILLET THE FISH**  
VIRUS FREE PD DISK 882

Time for a little slice of offbeat humour thanks to the Jester Brothers International. Fillet is a space explorer who has more than a passing interest in the old falling down water - a pastime that lands him in a fair amount of trouble! A lesson to be learned here, kids!





# NBS presents EARTHQUAKE

THE RUMBLE RETURNS!

**99p**  
PER DISK

Yes it's back. The offer that shook the Public Domain world 6 months ago.  
**THE NBS PD EARTHQUAKE!!!**

## NEW AMIGA OWNERS START HERE

### WHAT IS PUBLIC DOMAIN SOFTWARE?

Public domain software comes from 2 main sources. The first is where someone has written a useful little utility, which is of use to the writer and hence almost certainly of use to other Amiga users, but has no commercial value. The second is from enthusiastic Amiga owners who just love to show off their coding prowess, possibly to impress their mates, to prove to a software house their ability to code graphics, or just give pleasure to thousands of other Amiga enthusiasts. In the early days, much of the PD left a lot to be desired, but these days there are many fantastic utilities, games and demos which, at a nominal cost can bring many hours of pleasure, and there is now a veritable army of PD collectors. All true PD is without copyright and can be freely copied and used as you want, providing you adhere to any conditions stated on the disk. PD distributors should not make a profit on the disk, but charge on the service they provide. NBS provides one of the best and most helpful services available today, but please don't take my word for it, try us! If you have just acquired your Amiga, we recommend the following disks, which will either amaze, amuse, or be very useful. NBS disks are divided into the following groups:

- D 146 RSI MEGADEMO. One of the best ever demo disks (2 DISKS)
- D 153 PUGGS IN SPACE. A brilliant cartoon demo, yet to be bettered.
- D 180 SCOOPEX MENTAL HANGOVER Brill Music and graphics
- D 186 COMA DEMO. Flashy acid demo, together with more great demos \*
- D 190 RSI CEBIT DEMO. Terrific demo, with the best ever music \*
- D 033 TOMSOFT TRIP TO MARS. Vector graphics with a theme \*
- D 034 BUDBRAIN MEGADEMO. Our No1 title! Fantastic and funny, but contains some X-rated cartoons...may offend! (2 disks)
- D 091 FILLET THE FISH Similar to PUGGS, but not as good, still brill.
- D 315 UNREAL DEMO A game demo to show off some great graphics.
- X 110 FRAXION HORROR Great cartoon graphic demo of nasty stuff.
- M 005 MAHONEY & KAKTUS Brilliant music disk
- M 030 DIGITAL CONCERT 2: Over 12 mins of mixed house music.
- M 070 CRUSADERS BACTERIA Stunning sound and graphics.
- M 170 NEWTRONS MUSIC DISK 'HEADBANGER' You will not believe this!!
- G 107 STAR TREK GAME Good graphic adventure, Best with 1 meg (2 disks)



- G 109 BLIZZARD Good horizontal Shoot 'em Up.
- G 133 PD GAMES COMPO Good selection inc Welltrix and Breakout.
- G 136 DRIP Very tricky painter type game. Almost commercial quality!
- G 137 THE TURN and TRICKY A couple of good puzzle games by Peter Handel.
- G 138 MARBLE SLIDE A cross between Pipemania and sliding blocks. Great!!
- U 220 SID A good utility to take the hard work out of CLI.
- U 222 NBS SPEEDBENCH A faster loading workbench, plus some handy utilities.
- U 225 AMIBASE A good database. Start a disk catalogue now.
- U 226 RAZOR TOOLDISK A comprehensive set of mixed utilities, inc Virus Killers, copier, disc fixers. Not all for novices!

\* Compilation disks which contain other demos requiring 1 Meg of memory. This is only a small selection of our library. All the above disks will work on a basic A500. Many more disks, including disks for expanded Amigas can be found on our catalogue and magazine disk, which is the best presented, currently available from anywhere!! See elsewhere on this advert for details on how to obtain your copy.

## LATEST & GREATEST PD LIST

- D 001 ALCATRAZ MEGA DEMO 4... (3 DISKS) absolutely brilliant.
- D 002 TRIANGLE MEGA DEMO... Good scrolls and vectors plus piccy
- D 016 IRIS OLYMPIA DEMO... Parallax scrolling at its best?
- D 028 THR NOSTALGIA DISK... a review of the best from their compost
- D 032 KEFRENS DEMO COMP... 7 great new demos. Scoopex, Kefrens, Stack etc.
- D 074 RED DEVIL COMPO B... Features superb Vector Tunnel Demo (1 MEG)
- D 078 CRONICS NEVERWHERE DEMO... A must for Madonna freaks (1 MEG)
- D 080 KATHARIS MEGADEMO... Very good, from Poland!
- D 081 INTUITION MEGADEMO... inc the flashiest acid ever!!
- D 084 STD FURTTLES DEMO... best teen ninja demo yet!! (1 MEG)
- D 093 HAWK MEGADEMO... Some original effects. Good
- D 192 BRUCE LEE DEMO... By Pendle Europa, Digl piccy and good tune
- D 193 COOL COUGAR... Digl piccy with cartoon overlays. Clever! (1 MEG)
- D 207 PUNK CROC CREW MEGADEMO... Kylie and Jason sorted for good!!
- D 209 UPFRONT COOL FRIDGE... Collection of 'plasma copper' demos.
- D 210 THE POWER CONNECTION... Weird and morbid demo!
- D 219 HACKTRICK RAVE DEMO... Recently raved about
- D 213 SLIPSTREAM GARFIELD DEMO... Piccys plus great Meow Music.
- D 214 GOLDFIRE MEGADEMO - Great little Mega. You'll love the red kissing lips.
- D 215 SCOOPEX CHROMIUM - Brill demo from one of the best plus 5 more
- D 216 PUSSY INNERSHIP - unusual demo. Great GFX plus puzzle and game
- D 217 INTUITION DEMOS (1 MEG) A good compact with a great demo by Ipec Elite.
- D 218 RAZOR 1911: BEST DEMOS 1988 TO 1990 - a collection of Razor's best
- D 219 PAHI SIMPLE STUFF VOL 1...NBS Compilation. 5 demos including Tropical Sunset and Coke
- D 220 PAHI SIMPLE STUFF VOL 2 - NBS Demo compo inc crusaders cinefex; great
- D 316 ELVIRA... Excellent demo piccys from the game!
- D 320 IRON MAIDEN SLIDESHOW... Some good piccys of IM type stuff!
- D 343 THE DEFINITIVE MADONNA SLIDE SHOW... (2 DISKS, 2 DRIVES, 1 MEG)
- D 344 THE DEFINITIVE BRUCE LEE SHOW... (3 DISKS, 2 DRIVES, 1 MEG)
- D 353 NIGHT BREED... digl piccys of nasty night creatures.
- D 371 DEMON SLIDESHOW... Amazing pictures, really brilliant.
- D 373 CRUSADERS PRESENT TOBIAS RICHTER ART... (2 DISKS)
- D 374 TOTAL RECALL BY PENDLE EUROPA - Digl picture plus sound from film.
- D 375 ANNIE TOTAL REMIX (DISK 1) Uzi 9mm himself. Buy this disk, die laughing.
- D 376 ANNIE TOTAL REMIX (DISK 2)...2 more of the above extracts
- D 510 THE RUN... Tobias Richter's police chase anim. (1 MEG)
- D 529 ADS MADONNA CARTOON... Short but very sweet anim (1 MEG)
- D 530 DONALD DUCK...Clever DD anim (1 MEG)
- D 531 PENDLE EUROPA BRUCE LEE ANIMS... Hot Klung Fu Action! (1 MEG)
- D 537 EPIC GAME DEMO... Get this disk for amazing graphics and sound. If the game is half as good get that too! (1 MEG)
- D 545 JET FIGHTER ANIM...Similar to The Run, but far far better (1 MEG)
- D 546 AGATRON ANIM 10... Enterprise leaving dock. Superb (1 MEG)

- D 547 STEVE'S ANIM No 1...Some super little anims. Have a look.
- D 548 STEVE'S ANIM No 2...More cute little anims. I love 'em.
- D 549 AGATRON ANIM FLEET MANOEUVRE (1 MEG)...Tobias best yet. Very impressive.
- D 550 BILLY THE KID PREVIEW (1 MEG)...Slow, but lots of it. Ocean game preview.

### MUSIC

- M 063 DEPECHE MODE...get the micro-mix treatment!
- M 069 D-MOB MUSIC 4... 6+ great tracks from one of the best (2 DISKS)
- M 092 DIGITAL CONCERT 3...Another 12 mins of super mixing!
- M 093 DIGITAL CONCERT 4...And yet another music mix!
- M 119 DIGITAL CONCERT 5...And yet another!
- M 127 DIGITAL CONCERT 6... And the latest music mix!
- M 128 SOUND OF THE SILENTS...Great music from Jesper Kydd. Nice FX
- M 134 100 C64 TUNES...together with graphics from the old days.
- M 138 RAF MEGA MIX 1...similar to digital concert.
- M 147 TSB MUSIC...Disco and Heavy music. Turn it up!
- M 162 TRIUMPH MUSIC DISK 7...More of the best demo tunes.
- M 174 ANARCHY CAPTURED IMAGINATION...More great music from the UK's best
- M 178 RED SECTOR MUSIC (2 Disks)...Module disc from RSI megademo and more

### GAMES

- G 141 MAYHEM GAME FROM ENSIGNIA...Spaceship in caverns, tricky but addictive
- G 114 BOARDGAMES...Cluedo, Monopoly, Crib, Backgammon, plus.
- G 115 MIXED GAMES...6 good games including DALEKS!!
- G 135 TESTAMENT GAMES COMPO...Typical PD Games
- G 140 MONOPOLY...Good one player game. Drawback... U.S version.

### UTILITIES

- U 103 ULTIMATE VIRUS KILLER...Updated now knows 105 viruses
  - U 221 JAZZBENCH...Enhanced workbench with pull-down menus.
  - U 222 Speedbench...Faster loading workbench
  - U 214 D COPY...Back-up utility from the D-mob Group
  - U 216 NBS UTILITY DISK 3...3rd Day, Utilmaster, Newzap, 90 in all
  - U 217 NBS UTILITY DISK 4...Disk Arranger, Fix Disk, 90 more...
  - U 220 SID-THE ULTIMATE CLI UTILITY...that's what it says!
  - U 306-U319 Clip Art...Collection of clip art for DTP etc.
- With so many disks in our library it is impossible to list them all here. We have many new disks coming in every day, so if you see a disk featured in these pages, and we don't list it, give us a call.

### FISH DISKS

We now have the majority of the FISH series, so if you require a specific disk, give us a call!  
We also have the complete set of TBAG disks numbers 1-43

## WE ALSO SUPPLY THE FOLLOWING

- 100 cap Lockable Storage Boxes .....£7.95
  - 10 cap Library Cases.....£1.25
  - Star LC10 Printer Ribbons.....Black £3.30.....Colour £5.75
  - Contriver replacement mouse.....£24.95
  - Amiga 3.5" External Drives.....£64.95
  - 512K Ram Upgrades.....£44.95
  - Mouse mats (soft, boxed).....£2.65
  - Disk Labels (wrap round).....30 for £1.00... 200 for £5.00
  - 1000 for £15.00
  - Exclusive Night-Cat Picture labels 15 for £1.00... 100 for £5.00
  - Sony unbranded white disks (Japan) 62p each, 100 for £50.00
  - Unbranded Disks (various manufacture) 49p each, 100 for £40.00
- All prices include VAT. Please remember 60p postage per order.

## NBS AMAZING CHRISTMAS BONANZA COMPETITION

Once again NBS devastates the PD world with the best ever competition run by a Public Domain service. Over 70 prizes to give away, including commercial games, disk drive, memory expansion, storage boxes and more. Worth over £1000. Competition is open to customers who order £10 or more. Full details in Update 5 magazine. Closing date 2/2/90

## ORDERING DETAILS

PLEASE MAKE CHEQUES/PO PAYABLE TO NBS AND SEND TO:  
NBS, 132 GUNVILLE ROAD,  
NEWPORT, ISLE OF WIGHT PO30 5LH.  
TELEPHONE (0983) 529594 FAX (0983) 821599  
Or if you have a Credit card you can phone or fax your order to us. Please remember to include 60p towards postage and packing to total order. All orders (up to 3kg) despatched by first class post, please add 30p for recorded delivery.

All used postage stamps donated to 'Guide Dogs for the Blind'

WE LOVE INTERNATIONAL ORDERS  
We already have many satisfied customers from such places as: Australia, New Zealand, America, Middle East, Hong Kong, Japan, Africa, even the Falkland Islands, and, of course, all over Europe.

All orders sent by Air Mail. For European orders please add 25p per disk. World Orders add 50p per disk. International payments by Credit Card, British Postal Orders, Eurocheque, any cheque with a UK cashing address, or even cash (Registered letter).

**NEED MORE DETAILS: NBS PD UPDATE 5 IS NOW AVAILABLE!** To obtain your copy, please send a stamped self-addressed envelope (min size 9" x 6"). Alternatively, send £1.00 to receive our brand new catalogue and magazine disk, with full list and descriptive reviews. Our custom made catalogue is the best presented and easily read disk available today. As our established customers know, where NBS leads, others follow! We are professionally run and use professional commercial duplication equipment.



# Pdom PD - Public Domain

## APPLICATION

- AMP1 - Home Business Pack - UEdit the easy to use wordprocessor Visicalc and VC 2 spreadsheets. RIM and Hyperbase databases and Amiga Spell the spell checker etc. 3 disks only £750!
- FFISH 195 - Micro Emacs V3.10 the text editor which is very comprehensive.
- FFISH 254 - UEdit v2.5a the wordprocessor
- FFISH 143 - RIM V5.0 is a fully relational database.
- FFISH 328 - AnalyticCalc V24-01a is a full featured system for numerical analysis and reporting.
- FFISH 93 - Dme V127 and MicroEmacs V3.8i the text editors.
- SOFT 43 - Amiga Spell checker

## TELECOMMUNICATIONS

- AMICUS 17 - COMM v1.33, Aterm V7.2, VT-100 V2.6 Vtek V2.3.1, Amiga Host V0.9 for CompuServe.
- AMUSE 39 - AHost, ATerm V6.1, Star Term and Wombat
- APDC 21 - Comm V1.34, Wombat V3.01, Handshake V1.20a C-Kermit.
- SD 7 - Star Term, Wombat, Chat, Aterm and Argo Term.
- SD 29 - BBS-Amiga V1.1.
- SD 31 - Star Term V3.0 full features terminal prog, VT100 V2.0, Comm V1.3, AHost V0.9
- FAUG 62 - Access V2.6 comms package
- FAUG 99 - TAG the BBS
- FFISH 356 - NComm V1.9 communications program.

## NEW AMIGA USERS

• AMP4 - Starter Utility Pack: This pack was compiled with the new Amiga user in mind, to enable them to get just about all the utilities that you may ever need, plus a wordprocessor and a database! Each disk in the pack automatically takes you into the friendly Work Bench environment, all the programs are icon driven and have any necessary documentation. The pack includes: The four main file compressors used on the Amiga - ARC, LHARC, Zoo and Power Packer, Dir Work the friendly environment that allows many of the CLI commands to be executed at the click of your mouse, Text Reader allows you to execute text on screen as a CLI command using your mouse, DFC2 the multi tasking disk copier. All the AmigaDOS Replacement Project commands, Virus X the virus detector and destroyer, Icon Meister the excellent icon editor, Comm the communications package, MachII the mouse accelerator, Disk Storage Deluxe displays information about disk drives, Disk Salv attempts to salvage data from damaged disks, New Zap the sector editor, Safe Boot the boot sector database and others. Also UEdit the wordprocessor, Amiga Spell the spell checker and JBase the excellent database. All this is available on 3 disks only from Pdom PD for the mega price of £750!

## UTILITY

NOTE: We have chosen the best disks with the latest versions of utilities to feature in this advert, however many more files and utilities are featured in these and other disks but are not detailed here; FULL details are to be found on our DiskCat for only 70p! Our DiskCat has a fast search option for ease of use.

- FFISH 366 - PrintStudio V12 print any text file in many styles, print part of or a whole picture, screen or window, also control printer and much more.
- FFISH 362 - ArchEdge V15 a shell setup for ARC, ZOO, LHARC
- TBAG 3 - Disk Cat the disk catalogue
- TBAG 4 - DirUtil 5 the disk manager.
- TBAG 6 - Biorhythms the life cycles program, Blitz Fonts speeds up fonts.
- TBAG 9 - FastMem toggles on/off Expansion, FuncKey assign text to F1-F10, Word Count the number of words in a file.
- TBAG 10 - AutoPic2 shows all (PIC HAM) in directory.
- TBAG 13 - StepRate change step rate of disk drive.
- TBAG 16 - CLI Wizard V12 mouse operated CLI. Introducer DIY demo with your own picture, text and sound! Planet will wrap a flat IFF picture into a sphere.
- TBAG 17 - Database Wizard V11 name & address database for 400 records.
- TBAG 18 - BIG is a screen magnifier. DoTil V3.4 the directory utility
- TBAG 19 - Pyro a screen blanker shows a fireworks display.
- TBAG 20 - Brush2Icon turns a brush or picture into an icon.
- TBAG 21 - VScreen allow screens to be larger than the physical one, also lots of window utils: WSize, WMove, WMax.
- TBAG 23 - Crunch2 archive a program but still executable. Hermit saves screen at keystroke, using hot keys. Pointer Animator 15 colours animated pointers. ScreenX V2.2.
- TBAG 24 - ClickDOS V2.04 directory lister. QView V10 text file viewer.
- TBAG 26 - Daisy Wheel IFF picture file printer.
- TBAG 29 - ShowFont V3.3 shows all 256 characters in a given font. Read V2.0 Text Browser. DFC2 Disk Format and Copy, DosKwik V2.0 will save large file say a 2MB onto several disks.
- TBAG 30 - MyMenu create your own menu on VBO to run any commands. Icon Meister V14 THE icon editor. Disk Storage Deluxe V110 shows details of ALL mounted devices.
- TBAG 33 - Background Music Player V2.0. Menu Runner V2.0 is a replacement WB menu bar. Subliminal Message Inducer V10 speaks a script in the background. FlamKey will cut all keyboard and mouse input until further notice. Disk View graphically shows a disk.
- TBAG 35 - Ruler a borderless window with a ruler init. LeftyMouse make the mouse ambidextrous.
- TBAG 37 - MegaWB makes your Work Bench screen as large as you like! Pop Up Menu V1.38 pops up a menu. MuchMore V2.5 the powerful text file viewer.
- TBAG 38 - MadSizer allows you to size a window from any corner. Display V3.29 an anim display for ANIM 3.4 and 5. Hash and IFF all in any resolution.
- FFISH 342 - IE V10 is an icon editor which can create

and modify icons upto 640x200 pixels

- PDOM 278 - LHARCa V0.99a data compression program hat is 100% compatible with MSDOS LHARCV113c.
- PDOM 279 - European Software Agency Utility 1: Amiga ToolV15, Boot Dintro V1.0, BootGenerator V15, BootLeg V2.1, Character Editor V1.0, Coder Board V4.0, Cosaque V11, DCopyll, Deluxe Presed V2.0, BlockV1.3, Font Ripper, Guru Maker V1.0, ISCAMiga v1.5, Memory Searcher V1.0, Menu Maker v1.0, NoISetracker V1.0, Power Utility V2.0, PowerPacker V2.3a, PPMoreV12, Pseudo Ops, Save IFF, Scanner V2.0, Scroll Maker 2, Seek Destroy V1.0, Soka Source Rescuer, StartupCoder V1.0, Structure HunterV1.0, Time Cruncher V11, TVField Writer V11, Vector Check V1.0, View Boot V1.0, Virus Expert V1.4, Virus Slayer V1.0, VirusKiller V3.10.

- PDOM 280 - The Champions Total Utilities Vol 1: Boot Generator, Boot Girl, Bootmaker, BootWriter, Character Editor, Demo Maker, DiskX v2.2, Flash Ripper, Font Ripper, Guru Maker, Guru Master, Icon Master, Make A Menu, NoiseTracker, Power Packer V2.3b, PPMore, PPSHOW, Scenery, Graphics Searcher, SetKey, Slide Show Maker, Time Set, Tristar Virus Killer and TxD, ED.
- FFISH 163 - MachII V2.4c features: configurable, your help screen mouse accelerator, PopCLI, Screen Blanker, Mouse OFF, SunMouse ( activates a window by placing mouse it), Click To Front (bring window to front by clicking on it), Cycle (move a window screen to back with left then right mouse button click), Window and Screen Shuffler, Clock, Alarm, Beeper etc.
- FFISH 186 - SimCPM V2.3 a CPM emulator
- FFISH 217 - Install Beep V11 will play a sampled sound instead of the usual screen flash. Snip It! V12 will allow you to clip text from any window
- PAN 28A - DCat disk catalogue compatible with Superbase.
- FAUG 47 - FunKey assign any text string to a function key.
- FAUG 50 - Short Cut allows you to allocate text to a single key stroke thus CLI commands are easier to type.
- PDOM 141 - ICONS! Draw Icons, Tool Icons and Disk icons. Includes software to edit.
- PDOM 276 - Arnivision Utility Disk 4: Virus X4, Zero Virus, Kill Da Virus3, PCopy, VCheck, Sectorama, FFormat v1.1, Pseudo Virus Killer 2, Boot Intro

## Get This Utility Disk!



- PDOM 300 - The Master Virus Killer V19. Recognises 62 viruses, a full list is on our DiskCat.
- PDOM 277 - Dark Star Virus and Crunchers 2: BS9 KillerX, Kill'Em, Lamer Destroyer, Pseudo Ops, Killer and Seek & Destroy virus killers, Byte Killer, Crunch Master, Data Cruncher, DeJam Cruncher, Crunch IFF Pics with shower, DPaint Unpack, DragPack, Flash Packer, HQC, ISC, Master Crunch, Mega Crunch, Power Pack, RSI Cruncher and Super Cruncher.
- FFISH 67 - AmCat a disk catalogue. Amiga Spell V2.0 spelling checker. RSLClock V13 a menu bar clock.
- TBAG 31 - ShoWiz V2.0 show ANY picture with or without aspect 1 picture or several disks full, also play a music file in the background! Also show text files in any colour!
- PDOM 59 - Ameterr Radio Disk: StarTerm V3.0, P81 and P10272 packet terminal programs, TA Term V5.0, a HAM Database for the Amiga Amateur Radio Group, Morse Code, Satellite Tracking and loads of HAM utilities. A must for serious HAM user.
- FFISH 105 - Record-Replay V2.0 allows you to record and play back mouse and keyboard sequences.
- PDOM 62 - The Public Dominator Anti Virus Disk, Virus X V4.1, VCheck V12 (for memory), VCheck V19 (for disk drives), ZeroVirus V13 the fully integrated virus detector and killer. Also BootBlock Champion the utility and information on boot blocks.
- PDOM 93 - ARP v13 The AmigaDOS Replacement Project includes text manual files.
- FFISH 228 - Jazz Bench V0.8 is a multitasking WB replacement
- FFISH 229 - Alarming Clock.
- FFISH 246 - NoClick V3.6 stops drives clicking when no disk entered. LabelPrint v2.5b disk label printer
- FFISH 251 - DiskSalv v142. DiskSpeed v10 test disk speed.
- FFISH 286 - FastDisk a disk Optimiser.
- FFISH 290 - XIcon execute CLI commands from a script by clicking an icon.
- FFISH 338 - SID V106 is a very comprehensive directory utility

- PDOM 53 - Fonts! 12 fonts: Black Shadow, White Shadow, Avant Garde, Palo Alto, Basel, Monaco, Pignol, Aldous, Celtic, Geneva and Rangers. All ready to use DPaint compatible fonts
- PDOM 54 - Fonts! 14 fonts: Lineal, Bubbles, Ham, Courier, Vancouver, SanFran, Future, Premiere, Hollywood, Broadway, Camelot, Stencil, Park Avenue and Los Angeles. DPaint compatible.
- PDOM 55 - Fonts! 14 fonts: Santiago, Microsoft, Silicon, Swanson, Helvetica, Mahattan, Bookman, Akashi, Times, Tiny, Boxie, Longi, Andover and Pica. DPaint compatible.

## Get This Utility Disk!



- PDOM 304 - MessyDOS handles MSDOS formatted disks exactly the same way as you use files on native AmigaDOS disks. Fully functional, read/write version.
- FFISH 325 - Batchman V1.1 is a program that allows the user to execute CLI programs and batch files simply by clicking on a gadget
- FFISH 304 - Verify V12 Walks a directory hierarchy reading all files, reporting any files that can't be entirely read
- FFISH 243 - ImageLab V2.2 is an IFF pictures manipulator. NoClick V3.5 stops the disk drive clicking if there is no disk in the drive. PassWord V12.1p you specify the password for your system security. Pcopy V2.0 the excellent disk copier. SimGen adds a 2 or 4 colour picture to your WB screen
- FFISH 360 - UUCP V1.0.6D. An implementation of uucp for the Amiga, including mail and news
- FFISH 244 - BBChampion V3.1 load, save and analyze bootblocks. BootIntro V12 you specify The headline text of upto 44 characters and the scrolling text of upto 300
- FFISH 279 - MRBackup v3.3d the hard disk backup utility.
- FFISH 300 - TitleGen v16 excellent script language that creates scrolling text on screen in any font and upto 500 lines long!
- FFISH 213 - 300 8 colour program icons!
- FFISH 168 & FFISH 169 - Matt Dillon clock special includes loads of utilities and source. Config V1.0, Clock V1.0, DME V13.1, DMouse V11, Backup V2.0, SUIPUB, LIBREF, DRES V1.0, DASMV2, IFILES V12, SHELL, V2.1, FINDOT V1.0, LIBS V1.0, SCATV1.0, ADDCR V1.0, REMCR V1.0 & CMP V1.0 You need both disks
- TBAG 25 - Text Reader is an excellent utility that allows you to block text on screen using the mouse and use that as a CLI instruction! Safe Boot V2.2 allows you to save the Boot Block of many disks as a database on a single floppy; this would be useful if a virus infected say a commercial game disks' boot block thus rendering it useless, with Safe Boot you could simply replace the boot block back over the virus and save your game. Auto Disk change V1.0 allows you to run Fast File System on floppy disks. NoClickStart V1.3. Super View V2.0 displays all IFF picture types. Wrap will wrap your pointer around the screen i.e. if you move the pointer to the left of the screen it will appear on the right hand side! Diplomacy the board game. Dad a block puzzle. Billiards or Pool the game.
- FAUG 41 - ARC V0.2 compatible with MSDOS ARC V5.0.
- AMICUS 22 - Printer Driver Generator, V2.3.
- FFISH 258 - DMouse v12 is a versatile program that includes screen/mouse blanker, auto window activator, mouse accelerator, popcli, pop window to front, push to back etc.
- FFISH 131 - DFC is a disk copier that multi-tasks.
- APDC 15 - Icon utilities: full of icon files and creators. Some animated
- APDC 18 - Floppy Disk Utils: Quick Copy V1.0, Disk Mapper, DiskSalvage, Virus check, System Utils, Blitz V10 text editor, TimeSet, ACalc calculator, Amiga Monitor V1.1, MeM Grab fast memorygrabber, Directory Master V1.1
- FFISH 164 - DiskSalv V1.3 excellent file recoverer and undelete utility. New Zap V3.18 the great file sector editor. Zoo V2.0 the great file archiver.
- FFISH 106 - Funkey a function key editor.

## MUSIC

- AMP11 - 5 disk pack of Sonix files & player for £12.50!
- AMP23 - 5 disk pack of SoundTracker V3 & files £12.50!
- PDOM 281 - Oktalyzer V1.1 the music composer
- PDOM 285 - GAME MUSIC CREATOR Supports MIDI
- PDOM 299 - MED V2.01 the music editor with MIDI

## Why Public Dominator for your PD software supply?

1. We have been trading in this field for 5 years so (unlike the majority of PD libraries) we know what's what when it comes to PD, this is proven with regular orders from every corner of the globe.
2. Huge selection from over 1300 disks!
3. All disks Virus free!
4. All disks copied with verify flag on.
5. Order by telephone or post with same day dispatch.
6. Pay by Visa, Mastercard, Cheque, PO or Cash.
7. Government orders welcome.
8. Expert advice. Got a question about our software? Telephone and ask for the Technical department.

**For a reliable, fast and friendly expert service try us!**



The Seal of Reliability



# and Shareware Software

## GAMES

Both our games packs are auto booting, menu driven, very easy to use disk packs.

- AMP8 - Game Pack 1: Clue as in Cluedo, Othello, Klondike, Canfield and Cribbage, Backgammon, Yacht, TVision, MissileCommand, Cosmo 2 and 3D Breakout, Empire, Gravity Wars, Hanoi, Hockey, Bikoff!, Jackland, Othello Master and Pacman. A 3 disk pack for £750!
- AMP22 - Game Pack 2: Amoeba space invaders, CosmoRoids, Stone Age a Boulder Dash type, Back Gammon, Chain Reaction, Master Mind, Reversi, Black Jack, CrazyEights, Klondike, Jig Saw, Keno, Daleks and Ratzmaze, Monopoly and Escape From Jovi V3.0 3 disks for £750!
- PDOM 303 - Computer Conflict by Dr Grafix an excellent arcade game with full digitised sound through out! Excellent action game!
- PDOM 283 - Callisto 1.01 Very tough space strategy game, Daleks 0.30 Pontoon, Puzz1.0 and World and Zerg 2 adventures.
- AMUSE 11 - Amoeba invaders, Four in a row, Bandit a one armed bandit game.
- AMUSE 13 - Bull Run an American civil war strategy game and Gravity Attack a very good arcade game.
- AMUSE 14 - Battle Mech a strategy war game between robots.
- AMUSE 15 - Rocker a Lunar Lander type game, Shiva the game of Life, Cycles is a Tron light cycles type game.
- AMUSE 16 - Gravity Wars a space battle game with brilliant graphics, and Larn the adventure.
- AMUSE 17 - Cosmoroids an asteroids game, Tunnel Vision a graphical maze game seen from within the maze, Triclops invasion and 3D breakout that requires 3D glasses.
- AMUSE 18 - Reversi, MasterMind, Othello, Haunted Mansion, Mile Stone.
- AMUSE 19 - Conquest the interstellar exploration game, The game of LIFE, Mile Stone the board game, Monopoly, and Trek 3 a Star Trek battle simulator.
- APDC 3 - Monopoly, BackGammon, Brickout, Klondike.
- APDC 4 - Tunnel Vision, Othello, Canfield, Dogstar.
- APDC 8 - Shanghai, Light cycles, Othello, Life3, Conquest.
- FAUG 18 - Tunnel Vision the great maze game.
- FAUG 27 - Klondike the card game and Triclops the 3D planet defend game.
- FAUG 30 - Hack the adventure V1.0 IE.
- FAUG 52 - PACMAN 87.
- FFISH 194 - Moria V3.0 the single player dungeon simulation/adventure game. 1MB
- FFISH 273 - BattleForce v3.61 game.
- FFISH 336 - Car V2.0 is a racing game
- FFISH 357 - Empire V2.1w is a multiplayer game of exploration, economics and war.
- FFISH 62 - HACK the adventure
- FFISH 63 - LARN the adventure
- PDOM 77 - Paranoid the breakout type game.
- PDOM 90 - Tennis! 1MB.
- PDOM 79 & PDOM 80 & PDOM 81 - Star Trek 3 disk game by Twisted Images. 1MB External Drive Required.
- PDOM 215 & PDOM 216 - The Star Trek 2 disk game by AGATRON Excellent animated graphic game.
- PDOM 233 - The Holy Grail Adventure. 1MB
- PDOM 234 - The Golden Fleece Adventure.

## GRAPHICS

Both our graphic packs are auto booting, Work Bench driven, very easy to use disk packs.

- AMP3 Graphics Pack 1: Rot 3D a 3D drawing package, VDraw a good painting program, RayTracer, MCAD the Computer Aided Design package that works in high resolution, plus utilities: convert PrintShop to IFFClipIt! clip any part of the screen and save as an IFF picture, HAMEdit a HAM picture editor, Window Print II will print any selected window, Show Print II will show and/or print any IFF picture, Ushow and Autopic are 2 picture slide shows, Icon utilities: Iconize la window, IFF2Icon and Brush2Icon converters, IFF2PCS will take an IFF picture and make it a puzzle, Filter Pix the image processing program for use with Digi View lars B-W pictures. A 3 disk pack for £750.
- AMP21 Graphics Pack 2: MSE the Mandel Brot Explorer, DBW render the ray tracing utility, FBM the image manipulation library (see disk FFISH 334 below for details), ST2IFF converts Atari ST pictures to IFFNGI allows you to

read, view and reformat ILBM pictures. Pop Colours change to colour palette on the go, DPslide, SeeILBM, Show, ShowHAM the picture shows, MACView display and convert MAC pictures to IFFHAMEditor, IFF2Exec makes an IFF picture showable by a double click of the mouse, Some picture printers and icon utilities: Bruch2C and Brush2Icon converters. Also some light synthesizers: Viz, Polygon and Kal. A 3 disk pack for £750.

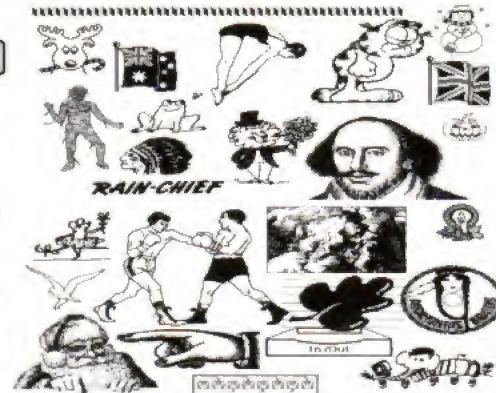
- FFISH 359 - ABRIDGE An interim solution to Anim-5 incompatibility problems. Identifies the origin of an Anim-5 file and modifies it to facilitate easy exchange between AniMagic, Videoscape, Animation Station, DPaint III, Editor(v1.11), The Director, SA4D, Move2.0, Photon Paint 2.0 and Cel Animator.
- AMUSE 5 - ACO Face Maker create faces in IFF format using Deluxe Paint and the supplied Face Ed V2.0
- AMUSE 34 - 39 different pointers. All absolutely excellent!
- FFISH 334 - FBM V0.9 image Manipulation library. Compatible with Sun, GIF, IFF, PCX, PBM bitmaps. Can input raw images and output Postscript and Diablo. Also does rectangular extraction, density and contrast changes, rotation, quantization, halftone, grey scaling etc.
- PDOM 112 - Graphic utilities: Clip It!, ShowPrint II, Snatch, HamEdit, Dissolve, AutoPics, Zapicon, ImageTools, FilterPix, IconMaker, Startle, IFF to Icon
- FFISH 295 - Mandel Mountains V1.1 a Mandel Brot generator.

## PROGRAMMING LANGUAGES

- PDOM 211 - NORTH C v1.2 Steve Hawkins C compiler. Features compiler, linker, disassembler, examples and tools. An excellent C compiler for the knowledgeable and beginner alike.
- FAUG 102 - Ghost Script Interpreter V1.2 similar to Postscript and Forth programming languages. 1MB
- FFISH 171 - Sobozon C compiler
- FFISH 193 - ZC V1.01 C compiler
- FFISH 341 - P2C V1.13 is a tool for translating Pascal programs into C.
- FFISH 351 - PD C V3.33
- APDC 25 - Logo, XLisp, Modular 2, MVP Forth.
- FFISH 140 - Stoney Brook PROLOG v2.3.2
- FFISH 141 - Contains the source code for PROLOG FFISH 140
- FFISH 181 - AM XLISP V2.0 of the XLisp interpreter
- FFISH 201 - Draco V1.2 the excellent programming language by Chris Gray. Documentation on FFISH 77.
- FFISH 37 - Little Smalltalk.
- FFISH 91 - The Adventure Definition Language (ADL)
- FFISH 337 - CManual V1.0 is a COMPLETE C manual for the Amiga. Includes 70 fully executable examples.
- FFISH 339 - PCQ V1.1c Pascal compiler
- FFISH 347 - Cursor V1.0 Amiga BASIC Compiler.
- PDOM 60 - Modula II compiler.
- FFISH 314 - A68k v2.61 of the 68000 macro Assembler.

## PDOM CLIPIT

- VOL1 - 3Mb of clip art images, subjects covered: sports, flags, animals, cartoons, humorous, Jewish, borders, all occasions, horses, eyes, and many many more. ALL in IFF format. ALL compatible with DPaint and Page Setter. 5 disks only £125.0! Mega value Mega Quality Product!



These are a few examples from ClipIt! Volume 1.

## DEMOS

NOTE: We have chosen the best demo disks to feature in this advert, however many more demos, which are not featured here, are featured in our Disk based Catalogue. Our DiskCat has FULL details of all the demos featured within these named disks. Our DiskCat has a fast search option for the best demo and music disks.

- PDOM 1 - The Walker I animation of the Star Wars Walker. 1MB.
- PDOM 2 - The Walker II animation of the Star Wars Walker. 1MB.
- PDOM 6 - Mahoney & Haktus sounds of the knome music disk II.
- PDOM 27 - Alcatraz Mega Demo II.
- PDOM 65 & PDOM 66 - Red Sector Mega Demo
- PDOM 73 - Star Trek the Enterprise leaves dock.
- PDOM 74 - Star Trek craft featured in 4 animations.
- PDOM 76 - Star Trek Shuttle landing on Star Trek craft.
- PDOM 83 - Space Ace demo.
- PDOM 84 & PDOM 85 - Royal Amiga Force Mega.
- PDOM 86 - MES mega demo 1 1MB
- PDOM 87 - MES mega demo 2 1MB.
- PDOM 301 & PDOM 302 - Laurel and Hardy demo very good animation demo of the comedy duo. External Disk Drive Required. 1MB
- AMUSE 8 - The amazing Berserk demo.
- FAUG 33 - The Juggler.
- FAUG 61A & FAUG 61B - New Tek demo. 1MB.

## A Must For The Collection!

- PDOM 305 - Outsiders Aciid demo
- PDOM 306 - Cool Cougar. 1MB
- PDOM 308 - COLT Mega Demo.
- PDOM 309 - Dungeon Master III product demo of the game.
- PDOM 310 - ASG merger with Soldiers of Light.
- PDOM 311 - AMOS the Creator Demo II a product demo from Madarinn Software of the powerful programming package
- PDOM 312 - DiskNet Music Disk V01
- PDOM 313 - Flash Digital Concert 4
- PDOM 314 - Flash Digital Concert 6
- PDOM 315 - Flash Digital Concert 3
- PDOM 317 - Share and Enjoy disk 58.

## A Must For The Collection!

- PDOM 319 - Rebels Megademo 2
- PDOM 320 - Upfront Cool Fridge Demo
- PDOM 321 - Share and Enjoy disk 57
- PDOM 322 - Share and Enjoy disk 56.
- PDOM 323 - Share and Enjoy disk 55.
- PDOM 324 - 1MB, Inner City Mega Trax 1.
- PDOM 325 - Inner City 1990 CBM Xmas Show
- FAUG 88 - Dragons Lair.
- FFISH 200 - NotBoingAgain. The scene is a user who puts a disk into an A1000, a Boing Ball demo loads up and the Amiga diskdrive opening turns into a mouth and says 'Oh No, not again!' & spits the disk out! 1MB

## A Must For The Collection!

- PDOM 316 - Flash Danish Kenos-how demo.
- PDOM 32 - Amazing Demos Volume 7.
- PDOM 40 & PDOM 41 - Northstar Fair Light mega demo III.
- PDOM 42 & PDOM 43 - DeathStar Blasting II.
- PDOM 44 & PDOM 45 - The Walker I demo 2MB.
- PDOM 104 - Complex BOBs
- PDOM 105 - D.O.C. No we are not dead!
- PDOM 114 - Slipstream Sineintro 1+2, Equalogo II, Terminator.
- PDOM 146 & PDOM 147 - Monty Python Nudge Nudge sketch.
- PDOM 148 - Escape from Singes Castle animation.
- PDOM 150 - Scoopex Mental Hangover.
- PDOM 188 - Crypto Burner CD Player.
- PDOM 193 - Red Devil of Dark Star UK Muzak 4.
- PDOM 195 - SlipStream Music 7.
- PDOM 207 & PDOM 208 - Kefrens Mega Demo 8!
- PDOM 214 - Fractal Flight. 1MB
- PDOM 217 - Alpha Flight Demo Creator.
- PDOM 222 - Titanics Acid House music disk.
- PDOM 229 & PDOM 230 & PDOM 231 - Alcatraz Mega Demo 4 'The Devil's Key'
- PDOM 236 - Mr Turnip from APEX: Cebit 90, Coma and others.
- PDOM 241 - Anarchy Compact A.
- PDOM 242 - Anarchy Compact B
- PDOM 246 & PDOM 247 - Jungle Command Music Invasion 3.
- PDOM 250 - North Star Acid Demo 1989
- PDOM 251 - TSK ACCumulators: Acid House demo!
- PDOM 252 & PDOM 253 - Death Star Mega Demo.
- PDOM 267 - Jungle Command Non Stop Music Selector.
- PDOM 296 - The Dope Intromaker V1.0
- PDOM 298 - SUCKWAYS Clapping World music compilation.

To order, simply quote the disk code number.

### Disk prices:

all disks are priced equally depending on how many you buy:

**1 to 5 are £3.00 each,**

**6 to 10 are £2.75 each**

**11 or more are £2.50 each**

All prices are fully inclusive.

Please send a cheque or postal order payable to Pdom PD Amiga

P O Box 801, Bishop's Stortford, Herts, England, CM23 3TZ.

Foreign Orders: EEC add 10% (minimum £1.00)

Non EEC add 30% (minimum £1.00)

Non EEC & Spain, Greece, Portugal, Eire & Italy MUST also add £1.75 for registered post.

Full in-depth details of all our 1300 disks are in our disk based catalogue only

**70P**

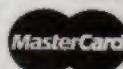
Send an SAE & a 22p stamp for a

**FREE**

copy of our printed catalogue. Shows concise details of the top disks.



**Credit**



**Card Hotline**

**0279 757 692**

**Mon-Sat 9am-5pm**



button is clicked, the picture screen appears. Moving the mouse pointer to part of the screen and then clicking the button fills that part of the screen with the selected colour.

If that sounds a bit dull, the program's particular appeal lies in the special effects. Selecting a colour plays a random sound sample: a tune plays continually in the background (note that it can be turned off) and the general effect is quite pleasing.

Coloured-in pictures can be saved to disk, and the program doesn't need to use the keyboard at all. Although it may be a little bit technical, in the sense that you have to choose pictures from a directory, it would make a good present for any child.

**MOD PROCESSOR**  
AMIGANUTS 864

Those people who have created sound modules with programs like *SoundTracker* will no doubt be faced with one small problem - how do you play them without loading the music program first? *ModProcessor* is designed to do just that job, and does it well.

The author (Steve Marshall) has continually updated the program, and this latest version certainly has a lot to offer. For a start, modules from many different sources are catered for - *SoundTracker* (old and new versions), *Noisetracker*, *Game Music Creator*, *Musical Enlightenment* and *MED*, to name but a few.

The idea of the program is to create stand-alone modules. These are files which will play continually, happily multitasking with any other programs. A picture can also be included in the file, to give a frontispiece to the music. Turning the music off is just a matter of pressing the joystick firebutton or CTRL-C.

**PROPHECY CODER MAG 1**  
CRAZY JOE'S 1079

I'm always a bit dubious of mentioning disk magazines, especially ones in which former issues list such illegal topics as synthesizing LSD. I suppose it just goes to show that PD libraries will publish absolutely anything, irrespective of moral or legal obligation. This particular issue does contain a few interesting topics worthy of mention, though. There's the usual tutorials on coding and examples

**Continued On Page 129 ↓**

# Demos Corner

**JUGGLER 2 DEMO**

REQUIRES 1.5 MEG  
SENAC SOFTWARE DISK 1000

Yes, I know you've seen the classic ray-traced juggler animations, but this is much more of a cartoon featuring the characters from both these previous demos. Created by Eric Schwartz, the one who brought us *At the Movies* and *Stealthy II*, this anim features the same kind of humorous style as his earlier work and is well worth a look - if you've got the extra memory.

**ANIMATIONS DISKS 1 AND 2**

NBS DISKS D547 AND D548

Steve Packer has used his machine to put together some irreverent anims, featuring spoofs on *Populous*, mickey-taking of those lean, green Turtle gadjies and an assortment of other themes. The snippets are a little... er... odd, to say the least, but they're also great fun. Check it out as soon as possible.



**FRAXION FANTASY SLIDESHOW**

CRAZY JOE'S DISK 1073

Anyone out there into D&D art? Heavy Metal album covers? Science fiction book covers? You are? Then this slideshow is for you. The disk features some nicely digitised artwork from all these sources, from big-bosomed female warriors to futuristic battle tanks. Nice pics, passable music, nice demo!

**BANGING RAVES**

HOBBYTE DISK 0202

Some more groove-along acid dance from Intuition for all you ravers out there. The funky drum track that runs throughout the mix is peppered with samples from such wide-ranging sources as Kraftwerk's *The Model* and the Human League's *Hard Times* to tracks from more modern acts such as LFO. No graphics to back the tune, but it's a good bop nonetheless.



**GOLDFIRE MEGA DEMO**

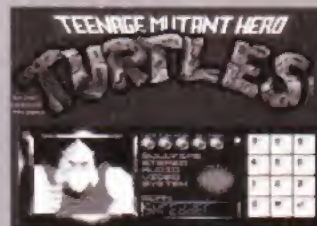
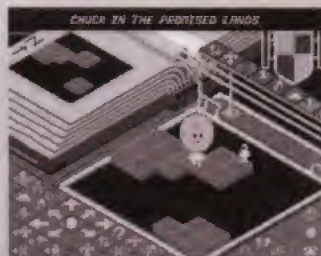
17-BIT DISK 794

Not the most earth-shattering collection of demos ever, but for all you reptilofiles out there who are in need of another fix of *Mutant Turtles™* check out this little piece featuring characters like Raphael™ and the boys, Splinter™ and Shredder™. Pity it's more impressive than the game of the same name!

**TOBIAS RICHTER SLIDESHOW**

17-BIT DISKS 790 AND 791

Some more artistic nicities from the creator of the super *Star Trek* anims. Featuring all manner of science fiction themes, Tobias' latest compilation features scenes from *Star Trek* (of course) and *Blade Runner* as well as some more original works.





# SENLAC SOFTWARE PD

14 OAKLEA CLOSE, OLD ROAR ROAD  
ST LEONARDS ON SEA, EAST SUSSEX TNB7 7HB

TEL: 0424 753070 FAX: 0424 755093

WE ARE ON  
STAND 107  
AT THE 16-BIT  
COMPUTER FAIR

Catalogue £1.00 MAIL ORDER PUBLIC DOMAIN LIBRARY Catalogue 'FREE' with Order

## GRAPHICS

IFF Pixs I	Photomontage I
IFF Pixs II	Photomontage II
IFF Pixs III	Photomontage III
IFF Pixs IV	Forgotten Realms
IFF Pixs V	Paradise Slides
Fantasy I	Joe II Slideshow
Fantasy II	Nasa Digipixs I
Fantasy III	Nasa Digipixs II
Fantasy IV	Disney I *
Fantasy V	Countach Fantasy I
Fantasy VI	Countach Fantasy II

## GAMES

Flaschbier	PC Chess
Hack	Breakout
Larn	Frantic Freddie
Autobahn 3000	Eatmine
Zerg	Computer
Casino Craps	Conflict
Moria V3.0 *	Drip!
Empire	Tricky
Cribbage	Card Games
Trainset	Blizzard

## DEMOS

Kefrens Mega	North Star (2)
Coma	Dexion Megademo
Red Sector (2)	Highclass (UK)
Red Sector Cebit	Rebels Megademo
Mental Hangover	Amazing Demos VI
Puggs In Space	ESA Demos
Universal I+II	Phenomena Megademo
Demob I	Complex Bobs
Demob II	Pulsifiers
Vision Music	Hardcrack GFX
Vision Megademo IV	JCS-Shellshock
Vice Workbench	Alcatraz Demo
Vangelis *	Scoopex Demos
Newtek (*2 ED)	Triange Demos
Newtek III (*2 ED)	Tetragon Megademos
Science 4.51	Deathwarp I

## AMOS PD

AMOS 19 Microman Music  
AMOS 22 Funschool III Demo  
AMOS 31 Screen Designer  
AMOS 33 Pink Goes Ape  
AMOS 35 Archivist  
AMOS 21 Word Square Solver  
AMOS 20 Arc Angel Demo  
AMOS 32 Progs /Carn/Fearn/Nadeem  
AMOS 34 Luke Miller Music  
AMOS 36 AMOS/RAMOS 1.2 Updates  
AMOS 38 FONTS #4

\* = Requires 1 meg  
(2) = no' disks in set  
(ED) = extra drive required

## TOP TEN MOVERS

- |                     |                     |
|---------------------|---------------------|
| ① ESA Utilities     | ⑥ Battleforce V3.6  |
| ② Soundtracker V4.0 | ⑦ Jeopardy *        |
| ③ Fullforce III     | ⑧ Clerk V3.0        |
| ④ Stealthy II *     | ⑨ Monopoly/Cluedo   |
| ⑤ Direct Action *   | ⑩ Station at Kherne |

take any five disks @ 99p

five disks @ 99p

**99p** per disk

plus 50p P/P per order

five disks @ 99p

take any five disks @ 99p

## ANIMATION

### 1 MEG

Stealthy II	Walker I
Walker II	Jet F15
Kuli (Pen)	Robo
Knight II	Radio II
Rotating Ship	Italia Cinema
Shark	Congaman
Gymnast	Showbiz

<b>2 MEG</b>	<b>1 1/2 MEG</b>
Vauxkiller (2)	- At the Movies -
Station at Kherne (3)	<b>3+3 1/2 MEG</b>
Lost In Scape (3)	Sentinel (2)

### ★ UPGRADE ★

By Dr Gandalf  
requires 5 meg Memory hard disk  
+ Fatter Agnes - 6 disks

## LATEST IN

**SS Bowling Secretary (10 Pin!)**  
**Batman Anim**  
by Eric Schwartz\*

**Power Packer 3.1 with PPanim**  
**Juggler 2 Demo**  
by Eric Schwartz\*  
**Thinker**

## FIRST FROM Senlac Software PD

### C LIGHT

**Ray Tracing  
Commercial Package**

**NOW SHAREWARE**  
And available here only £3.00

## UTILITIES

Virus 4.1	Graphics Apps (2)
Disksalv 1.42	Amiga/Atari GFX
ESA Utilities	Convertors
FullForce III	Energy Utilities
Ghostwriter	SID V1.06
D-Copy	Aardvark Utilities
Cophers I	Mandle Generators
TV GFX/Fonts (2)	Archive Utils
Bootblocks (2)	ARP. 1.3 Installer
Video Progs (2)	

## BUSINESS FINANCE

Wordwright	QBase/VC
Bank'n	Clerk
Analyticalc *	Inventory/Memopad
Amibase	Journal
RIM	Analyticalc 3D
Spread	(src only)

## MISCELLANY

Raytracing	Celtics Demo Maker
Sampled Sounds	(not 1.3 Roms)
Demo Creator	Halloween Sample (2)
Dope Intro	Direct Action *
MCAD V1.25	Utopia Postcards
Rot	Cando Support I
Jazzbench	Cando Support II
	Fractal Flight

## TREKKERS!!

All new StarTrek (2)  
StarTrek (\* 3 ED)  
StarTrek V2.0 (\* 2 ED)  
StarTrek Fleet Manoeuvre Anim \*  
StarTrek Dry Dock Anim \*  
StarTrek Enterprise Reliant Anim \*  
StarTrek Miscellaneous Anims \*  
Trektrivia

## MUSIC

Soundtrackers (2)	Instruments ST-10
Soundtrackers V4.0	Instruments ST-11
Future Composer	Instruments ST-92
Games Music	Instruments ST-93
Creator	Instruments ST-94
Perfect Sound	Instruments ST-95
Sound Editor	Med V2.12
Compact Disk	Soundtracker
Hi Fi Player *	Professional
Instruments ST-02	RIP Eruptions
Instruments ST-03	Flashteam Music
Instruments ST-04	Crusaders Freed Out
Instruments ST-05	Crusaders Audio X
Instruments ST-06	Crusaders Back to
Instruments ST-07	Base (not 1.3 Roms)
Instruments ST-08	Med V.12
Instruments ST-09	Sonix Play.



# START COMPUTER SYSTEMS

**BUSINESS PACK - 3 DISK SET**  
WORDRIGHT, VISICALC, RIM DATABASE  
**KIDDIES PACK - 3 DISK SET**  
LEARN N PLAY 1+2, PUGGS IN SPACE  
**UTILITY PACKS 1+2 - 3 DISK SETS**  
PENDLE UTILS 5,6,7 or DARKSTAR UTILS 2,3,4  
**BEGINNERS PACK - 5 DISK SET**  
5 DISKS PACKED WITH DEMOS, UTILITIES AND MUSIC  
**DIGITAL CONCERT PACK - 5 DISK SET**  
GREAT MUSIC CONCERTS 2,3,4,5,6  
**COMPOSERS PACK - 5 DISK SET**  
NOISETRACKER, JAMTRACKER, 3 INSTRUMENT DISKS

3 DISK SETS £2.70 5 DISK SETS £4.50

**SPECIAL OFFER 1**  
50 3.5" BLANK DISKS  
+ 80 CAPACITY BOX  
**£27.95**

**SPECIAL OFFER 2**  
512K RAM EXPANSION  
**£32.95**

Amiga PD  
**99p**  
Per disk!

Santa Claus couldn't get rid of all his presents this year so he a'has given them to us .. to give to you at CRAZY prices ...

### Santa's Christmas Leftovers .....

10 Cap. Library Cases ..... 99p  
50 Rainbow Disk Labels .... 99p  
Mouse Mats ..... £1.99  
Amiga Disk Cleaning kit ... £2.99  
Amiga Dust Covers ..... £2.99  
100 Cap. Locking boxes ... £7.99

3.5" DISKS FROM **38p**

3.5" DS/DD 135TPI DISK  
With labels and sleeve

10	£5.50
25	£12.95
50	£24.95
100	£39.00
200	£76.00

All disks are guaranteed  
100% ERROR FREE

## HOT HOT HOT The Hot Pack 2 HOT HOT HOT

5 DISKS OF THE HOTTEST NEW DEMOS - HOTTER THAN A CHILLBURGER - COOLER THAN A FRIDGE!

FRAXION FUTURE VISIONS - INCREDIBLE HAM SLIDESHOW WITH SUPERB MUSIC  
CRUSADERS SPACE DELIRIA - A NEW ONE FROM NORWAY'S BEST! BRILLIANT!  
SHARE AND ENJOY 58 - ANOTHER GREAT COMPILATION OF QUALITY DEMOS!  
INTUITION - BANGING RAVES - A SUPERB RE-MIX BY UPPI. WITH SOME GREAT SONGS  
START COMPILATION 6 - OUR LATEST GREATEST NEWER THAN NEW DEMOS!

**£4.50** for all 5!

### DELICIOUS DEMOS!

564 Warfactions Music • Very Nice indeed!  
550 SAE 57 • Even more of the BEST demos!  
549 SAE 56 • Superb Cryptobumers demo!!!  
540 PE Comp 12 • With slents and Crusaders!  
539 PE Comp 11 • More demos from Rob  
538 PE Comp 10 • Brilliant stuff from pendle  
537 PE Comp 9 • Great demos from the PE gang  
535 Goldfire Megademo • Nice one! Thank Nick  
532 Crusaders New Music • Just GET THIS! Brilliant  
531 Captured Imagination • Brilliant - Get it!  
530 Anarchy Pack • Superb new Demos!!!!  
522 Adept • Great demo compilation  
520 Timecode Total Recall • Great Demo of film  
519 A Journey into sound • Very good music  
512 Intuition Comp • Superb DeepSea demo  
511 Awesome Preview • Brilliant game demo  
504 Network party pack • Very good demos  
503 Suntrackers • Heavy metal music demo  
501/502 Crusaders pack • by Bustman - cool!  
498 The JCS • Very weird demo - very weird  
497 Wild Copper • Old but still very good!  
478 Down Megademo • Its just dawning on me  
475 Hypnos • Nice new demo pack  
472 Crusaders • New demo pack with ED-209  
465 Epic • Superb Preview of Ocean's 5 Game  
445 Anarchy CES Music • By 4 Mat. Cool  
444 Start Demo Pack 5 • Nice new demo pack  
443 Start Demo Pack 4 • More great new demos  
440 Tropical Sunset • Great demo by Slents  
437 Anarchy pack • Superb demo pack. Get it  
429 DJ Disco Leaf • Great house music remixes  
426 Cianics Neverwhere • Wicked megademo!  
423 Cool Fridge • Wild demos from Uprfront  
416 PE demos 68 • with the Donald duck anim!  
394 Unique Vectors • Brilliant vector demo  
314 Mirage Megademo • Superb! but 1 Meg.  
313 Mag Fields History • Nice collection of demos  
306 Warfactions Purple • Why Purple?  
304 Flash • Danish Know How • And they do  
303 Scoopex Demos • Alron 1 and Green Surprise  
301 Savage Demo 4 • A nice megademo  
300 Intuition Megademo • When is your next one  
292 Mannys 1 Meg Collection • Nice big demos  
261 Cryptobumers 2 • Ace demos from CRB  
258 Rebels Candyland 11 • My favorite comp!  
257 Cianics Megademo • Staring - Madonna!  
254 tomsoft Trip! to Mars • A great vector Trip!  
252/253 Budbrain Megademo • Just BRILL!  
251 Slents Megademo • I like it - dont I?  
173/174 Red Sector • When is your next Mega?  
164 Scoopex Mental Hangover • Wild!  
148 Gate Megademo • Superb music and Gfx  
142/143 Start 3 • Comp with Cebit 90 and Coma  
140 Dragons Megademo • Still very good!  
136 Fraxion Horror • Still Bleugh - Sick  
109/110 Start 2 • Old but still gold. nnnhh!

### MEGA MUSIC!

560 Optical Arts • War of the worlds and more!  
556 Vogue Get Music • Absolutely Brilliant!  
542 Slents Full Power • Fantastic House Music!!!  
499 Sobby Music • totally brilliant music demo  
486 Kraftwerk • Brill Music demos  
483 Jesus loves acid • Erm - I dont think he does  
425 Digital concert 6 • Fabulous remix!  
424 Sound of Slents • I love it! Brilliant stuff!  
295 Alf • Music from the crazy alien  
286 Rebels megablast • Supah music disk  
272 Crusaders Project Beat • Great music  
263 Sun Connection • Cooloo music  
246 Adam M Music • Crap Music disk (haha)  
245 Beast Music • From scoopex cool!  
242 100 64 tunes • Just get this disk SUPERB!!!  
231 Darkstar Music 7 • 8 Great songs  
230 Darkstar Music 6 • more ripped music  
229 Darkstar Music 5 • Hello jaz. How are you?  
227 Jarre Dacklands • Brilliant music from Mr. Jarre  
226 Beachboys meet popeye • Mod sample!  
225 Digital Concert 5 • 4 Fabulous chart songs  
224 Digital Concert 4 • Four more chart songs  
223 Digital Concert 3 • 12 Minute megamix  
220/221 Dmb music 4 • Brilliant songs!  
219 Technotrix • Get up and Pump up the jam  
218 Keltens jukebox • Absolutely superb!  
197 Queen and Black box remixes  
194 Crusaders Freed out • Great mixes  
186 Digital Concert 2 • A great 12 minutes!  
145 Mahoney and Kaktus • Great music disk  
141 Soundtracker Musics • Axel F. Doc. Sl  
133 Boctelia • BRILLIANT music from crusaders  
107 Vongelis Demo • Superb demo! Meg

### GREATEST GAMES

471 Sl bash • Kill those Grey slabs of junk!!!  
469 Computer Conflict • New game by Dr. Grattis  
447 Recreation Games • Including Cluedo  
283 Pseudo Cop • Shooty starring ED-209  
282 Popeye Game • An LCD game on the Amiga  
280 Mechforce • Good strategy war game  
277 Board games • Backgammon and othello  
276 Holy Grail • Great text adventure  
274 The Golden Fleece Adventure game

### INCREDIBLE ANIMATIONS!

557 Dragons Lair TimeWarp Anim • incredible  
474 Spacechase Anim • Very impressive 11 Meg  
458 Star Trek Manoeuvres • totally brill! 1 Meg  
457 Tron and Spaceship • Brilliant Anim 1 Meg  
456 Stealthy 2 • Funny animation  
455 Agatron 15 • 5 anims inc. the red lotus anim  
452 Enterprise leaving Dock • Amazing 1 Meg  
419/420 Star Wars Movie • Quite good 1 Meg  
398 Fractal Flight • Nice scenery demo 1 Meg  
215 Real things demo • Horse animations  
212 Star Trek Animations • Various 512k anims  
207 Luxo Teenager • The Lump anim 1 Meg  
206 Newtons Cradle • and more animations  
202/203 Star Wars Anim • X wing fighters 1 Meg  
201 Indiana Jones • Cracking good (ha) 1 Meg  
198 The Run • 3D car chase by T. Richter 1 Meg  
192 Walker 1 • The helicopter version 1 Meg  
193 Walker 2 • The A2000 being attacked 1 Meg  
190 The Juggler • Old but gold!  
189 The Gymnast • Nice swinging anim 1 Meg  
165 Juggette • Mrs Juggler animation  
163 Juggie Inspace • Great little demo/anim  
113 Magician and Jigger • Good anims 1 Meg  
112 Spaceship Anim • Flying round a 3D globe  
106 The ElGato and Juggler Animations • 1 Meg  
104 Happy Man Anims • With more  
103 Ghost pool and Dripping Tap • Good 1 Meg

### SUPERB SLIDESHOWS

493 Vax Picture show • pics taken from a Vax!  
489 Dado • Garbage patch kid Slideshow  
488 Traveller • Excellent HAM Fantasy slides  
484 Color Cycles • totally brilliant color cycling  
461 Yabba Dabba • The Flintstones! Supah!  
454 Nighttreed • Superb Nasty Slideshow!  
205 Agatron 8 • Excellent stuff from Tobias Richter  
200 Roger Dean • Pics by this superb Artist!  
191 Forgotten Realms • Hobgoblin Slideshow!  
183 Nagel Pics • Pics from the talented artist  
158 Agatron 6 • The definitive Slideshow! Superb  
139 Real 3d • Very impressive 3D slides  
137/138 Slents Slideshow • Brilliant digshaw  
134/135 Fraxion Divine Visions slideshow • Great

### USEFUL UTILITIES!

506 Mac Clip art • Superb clipart from a Mac  
496 Visicalc • An impressive spreadsheet  
495 RIM • A relational database  
494 ARP V1.3 • AmigaDOS replacement project  
490 GMC • Games music creator  
485 Startracker • 8 Channel NoiseTracker 1 Wild!  
480/481/482 The QL Emulator • Emulate a QL!  
466/467/468 Countach Clip art • Very good stuff  
464 Szoban C • Very good C compiler  
460 Iconmania • Brilliant collection of icons utils  
459 Jamcracker • Superb Chip sound music util  
454 Amibase • Very simple to use database  
378/379/380 C Manucl • Superb Eg's and texts  
377 North C Compiler • The latest version 1.1  
356 Fish 28 • CCUits and Uedit and more...  
356 Fish 32 • The MSH messidok PC file system  
354 SID 1.0 • Superb directory utility Get it now  
345/346 Video Applications • great fonts and utils  
340 Jaubench • Useful new workbench  
334 Darkstar Utils 2 • Great utility disks compiled  
330 Darkstar Utils 3 • by Red Devil  
333 Darkstar Utils 4 • Hi Rob how ya doin' ?  
332 Pendle Utils 5 • More super kool utilities  
331 Pendle Utils 6 • Sid, Tetrocopy, newzap...  
332 Pendle Utils 7 • The Sl 28 superb utilities  
328/329 Bootblock collection • for boot editing  
180 Wardwight • with 5Gcalc and Labelprint  
129 Mysta DIY Hardware modifications disk!  
127/128 TV Grattis • Great Dpaint utils and fonts  
123 ST-01 • Samples disk for music utils by Start  
122 ST-00 • More great samples by Start  
120 ST-02 • lots of Nice synth samples  
119 ST-01 • The original samples disk!  
116 NoiseTracker • So good... even I use it!  
117 Future Composer • Good music maker  
114 Intromaker • Make scroly music demos

Remember we have got hundreds of disks in our library so get our monthly updated disk catalog filled with loads of demos, utilities and a full listing of our latest PD software.

Disk No. 997 • Issue 6 • New and better than ever with some great demos and utilities and lots of mega free PD and reviews and so much more!

## BORED WITH YOUR AMIGA ALREADY ?

If you are bored with your Amiga already why not invest in some of the fabulous PD software available from Start? We have compiled a complete beginners pack, 10 PD disks consisting of demos, music, utilities and games, 10 Blank disks, storage box, mouse mat and a dust cover. only £19.95.

Or, if you wish, choose some of the BEST in PD from our lists above

### IMPORTANT NOTICE

OVER THE CHRISTMAS MONTHS WE HAVE NOTICED THE INCREASE IN PD COMPANIES. WE WOULD LIKE TO REASSURE YOU THAT WHEN YOU ORDER FROM US ... WE DISPATCH ALL ORDERS SAME DAY BY FIRST CLASS POST • WE DO NOT USE "CHEAP" DISK MEDIA • WE ALWAYS USE TOP QUALITY UNBRANDED DISK MEDIA • WE DO NOT OPERATE FROM HOME • SO CALLERS ARE WELCOME ANYTIME! • WE ARE ALWAYS HERE TO HELP. SO FEEL FREE TO CALL US 9AM - 9PM • WE ARE A PROFESSIONALLY RUN COMPANY. AND WE ARE DEDICATED TO THE AMIGA!

RING OUR  
**CREDIT CARD  
HOTLINE**  
on  
**091 564 1400**

INTERNATIONAL  
ORDERS WELCOME!  
Postage  
Europe + 30p per disk  
World + 50p per disk

**FREE PD DISK  
with orders  
over  
10 PD disks**

**SAME  
DAY  
DISPATCH  
by 1st Class  
Post**

### MAIL ORDER MADE EASY

1. ALL PD DISKS ARE 99p PER DISK. PLEASE ADD 60p P&P TO YOUR TOTAL ORDER VALUE (OUTSIDE UK - SEE ABOVE)  
2. THEN JUST SEND US A CHEQUE, POSTAL ORDER OR INTERNATIONAL MONEY ORDER TOGETHER WITH YOUR ORDER DETAILS  
3. OR USE YOUR ACCESS, VISA, MASTERCARD OR EUROCARD & CALL OUR CREDIT CARD ORDERLINE

DEPT AF19 • BARBICAN HOUSE  
BONNERSFIELD • SUNDERLAND  
SR6 0AA  
FACSIMILE 091 564 1000  
TELEPHONE 091 564 1400



# PD REBELS

REBELS BY NAME, REBELS BY NATURE TURNING THE PD WORLD UPSIDE DOWN

- REB 100 \* All new Star Trek, brilliant with English docs (2 disks)
- REB 101 Fractal Flight, brilliant graphics demo (1 meg)
- REB 102 Jazzbench, great new desktop
- REB 103 Education of Cool Cougar, brilliant animation (1 meg)
- REB 104 Adams Family, great demo of the famous TV programme
- REB 105 Tour of Duty demo, demo from The Trooper
- REB 106 C Compiler, full working C compiler
- REB 107 \* Predators megademo, 2 disks, 11 parts, a real mega demo!!!
- REB 108 \* Budbrain mega demo, great graphics, dubious taste, (2 disks)
- REB 109 Viz Slideshow, ham picture slideshow from Viz calendar
- REB 110 Puggs in Space, a great animated story
- REB 111 Fraxion Horror demo, brilliant horror demo
- REB 112 \* Newtek demo 3, great high res graphics (1 meg, 2 drives)
- REB 113 Alcatraz megademo 4, great demo (3 disks special £4.50)
- REB 114 The Golden Fleece Text Adventure, brilliant adventure
- REB 115 The Holy Graal, text adventure, brilliant adventure (1 meg)
- REB 116 Bankn, great home finance program
- REB 117 \* Kylie demo, a really good demo of Kylie's hits (2 disks)
- REB 118 Virus X4.1, the PD Amiga virus killer
- REB 119 \* Business - word processor, spreadsheet, DBase (2 disks)
- REB 120 CU Help Disk, loads of help with the dreaded CL!!!!

WE STOCK THE FULL RANGE OF FRED FISH TBAG, TROOPER, 500+ REBELS

- REB 121 Trooper Fonts, 3 disks of great fonts, use with DPaint etc
- REB 122 Vision megademo 4, features Ride on Time, Got To Get, etc.
- REB 123 Med V2.1, great music program with full midi support
- REB 124 \* D-Mob 4, brilliant music disk worth the wait
- REB 125 Freddy Demo, great Knightmare on Elm St. demo
- REB 126 Flashbier, really great PD platforms game
- REB 127 Fish Games, 3 disk collection of the best of Fish disk games
- REB 128 Packman 87, great version of the classic game
- REB 129 Roger Dean Slideshow, a brilliant art slideshow
- REB 130 Bacteria demo, brilliant demo from the Crusaders
- REB 131 Messy DOS, read and write MS DOS disks
- REB 132 C Manual, 3 disk manual covering all aspects of "C" £4.00
- REB 133 Monopoly and Cluedo, two classic games on one disk
- REB 134 Amibase, a really good PD database
- REB 135 Como Demo, brilliant!!!!!!
- REB 136 Teenage Mutant Hero Turtles Demo, Pendle Europa, great
- REB 137 Dick Tracy Demo, taken from the film (2 disks)
- REB 138 Red Devil Crunchers + Packers disks, great compilation
- REB 139 Trooper Demo Collection 12, Slipstream, Equalogo 2 + more
- REB 140 Red Devil Utility Collection, plus working ST emulator!!!!
- REB 141 \* RAF Megademo, a great music + graphics demo (2 disks)
- REB 142 Northstar And Fairlight Megademo, ace demo (2 disks)
- REB 143 Juggette Demo, a great juggler demo
- REB 144 Star Trek, a great 3 disk game needs 2 drives, 1 meg
- REB 145 Star Trek, a 2 disk game, great game play, super game

WE AIM TO GIVE THE BEST SERVICE POSSIBLE WHILST GIVING SUPERB VALUE FOR MONEY, WE HAVE SET OUR PRICES AS FOLLOWS:  
 DUE TO POPULAR DEMAND ALL DISKS £1. MINIMUM ORDER 2. 10+ 90p EACH.  
 PRICES ARE PER DISK NOT PER TITLE ie. REB 144 - 3 DISKS AT £1 EACH  
 SEND OR PHONE FOR YOUR FREE DISK CATALOGUE!!!!  
 PLEASE STATE ST OR AMIGA

Cheques, P.O.'s, Access, Visa to:  
**PD REBELS, 81 SPRINGFIELD ROAD, ROWDE, NEAR DEVIZES, WILTS SN10 2PD**  
 Personal callers by appointment only

## AMIGA PUBLIC DOMAIN SOFTWARE

Introductory pack only £5.00. Contains catalogue disk, virus disk (packed with virus killers), Utils disk (packed with utilities) and an intro disk (selection of demos).

- \* All our disks are £2 each. 10 or more £1.50 each \*
- \* A wide range of disks rapidly growing \*
- \* Immediate despatch on all orders \*
- \* Full range of discount commercial software \*
- \* Special hardware discounts \*
- \* Amiga specialists \*

FREE PD CATALOGUE or send £1.50 for catalogue disk.

**VISA** **WCA Business Systems**  
 Dept AF, Unit 2,  
 250 Carmarthen Road,  
 Swansea, SA1 1HG  
 Tel: (0792) 473550



## NEW IMAGE P.D. PD PRICES SLASHED

All our PD disks are now only  
**£1.00** each inc. post + packing

Minimum order only 2 disks!

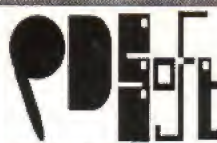
Catalogue only £1.00 including software!  
 Send a SAE for a printed PD listing.

WE ARE NOW AUTHORISED DEALERS

THESE ARE NOT PD! OF THE THESE ARE NOT PD!

OFFICIAL AMOS LICENCEWARE DISKS  
 (Details on listing and in catalogue)

CHEQUES/P.O.'s payable to: NEW IMAGE SOFTWARE,  
 40, APPLEBY GARDENS, DUNSTABLE, BEDS, LU6 3DB



**PD Soft. (AF)**  
 1 Bryant Avenue,  
 Southend-on-sea,  
 Essex SS1 2YD.



**Credit Card Hotlines**  
**(0702) 612259/466933**



- |   |  |  |
|---|--|--|
| <p><b>Mega Demos</b></p> <ul style="list-style-type: none"> <li>349 - R.A.F (2)</li> <li>500 - Scoopex Mental Hangover</li> <li>662 - Cronics Madonna</li> <li>664 - BudBrain (2)</li> <li>667 - Cronics Never Where</li> <li>724 - Intulon</li> <li>760 - Pseuduo-Ops</li> <li>799 - Galits (2)</li> <li>827 - War Falcons</li> </ul> <p><b>Animations (1Mb)</b></p> <ul style="list-style-type: none"> <li>186 - Star Trek (2)</li> <li>380 - The Jugler</li> <li>381 - The Cool Cougar</li> <li>477 - Fractal Flight</li> <li>532 - High Lander</li> <li>533 - Trackball</li> <li>542 - Pugs in Space</li> <li>555 - The Run</li> <li>586 - Light Cycle (2)</li> <li>611 - Vongelis Demo</li> <li>624 - Too Much 3d</li> <li>674 - Epic</li> <li>733 - PMC Fractal</li> <li>734 - Clothes Bag</li> <li>791 - Space Shuttle</li> <li>826 - Space Fighter</li> <li>828 - Huey</li> <li>831 - Machine</li> <li>849 - Dragons Lair II - Time Warp</li> </ul> <p><b>Golden Oldies</b></p> <ul style="list-style-type: none"> <li>99 - Dragons Lair</li> <li>102 - Probe Animation</li> <li>111 - Walker Demos (2)</li> <li>112 - Luxa Teenager</li> <li>129 - Commodore 64 Music</li> <li>143 - Robocop Demo</li> <li>168 - NASA Picture Show</li> <li>286 - Kylie Monogue (2)</li> <li>272 - Freddy Krugger demo</li> <li>612 - Monty Python's (2)</li> <li>614 - Debbie Gibson Electric Youth (2)</li> </ul> <p><b>Adventures &amp; Games</b></p> <ul style="list-style-type: none"> <li>F184 - Moonbase</li> <li>F224 - Pelers Quest</li> <li>F320 - Arniomaga/ like Rogue</li> <li>F184 - World/Infocom style</li> <li>F324 - Tetris Clone</li> <li>F345 - CRobots/Like Meck Warriors</li> <li>F336 - Car</li> <li>F336 - Miniblast</li> <li>F336 - SYS/Pongo</li> <li>F343 - Snake Pl</li> <li>847 - Heytris</li> <li>848 - The Maze</li> <li>V42 - Triftris/Like Arcade</li> <li>F192 - Packman 87</li> <li>V44 - Emerald Mine</li> <li>F232 - Bathys (2)</li> <li>F251 - Monopoly</li> <li>F347 - Drip</li> <li>850 - Turrican II (Playable)</li> <li>F355 - Tron Game</li> <li>688 - Back to the Future III Playable</li> <li>673 - Battle Command Playable</li> </ul> <p><b>New TBAG</b></p> <ul style="list-style-type: none"> <li>T44 - Vbhi, Track Salve, Requester, G-Shell, Flash Disk</li> <li>T45 - Text Point, Fast Blit, Edit Sleepy, View Dir, Is Today</li> </ul> | <ul style="list-style-type: none"> <li>T46 - KeyMapEd, Resumemaker, Osk, Woodward, Mips</li> </ul> <p><b>New FISH</b></p> <ul style="list-style-type: none"> <li>F370 - SkSh/Usefull to Unix Users</li> <li>F369 - Lastest Aquarium, Flip, Forlune, Spy, Vaxherm,</li> <li>F368 - Elements, Interactive Display</li> <li>F366 - Print Studio/Very Good</li> <li>F365 - Easy Back Up, Pass Word, View 80</li> <li>F364 - More Animated Painters</li> <li>F363 - 3.5 Disk Labeler/Reads directories</li> <li>F362 - Imperium Romanum, SMove</li> <li>F361 - Brush4d/ Converts IFF Images to Sculpt 3D</li> <li>F359 - ABridge, DICE Intergrated C Environment</li> <li>F358 - Pipe Line Game, Blob, Road Route, Scan IFF</li> <li>F357 - Empire/ A Multi player economics game</li> <li>F356 - NComm/ New for Comms.</li> <li>F355 - Berserker (Virus Killer), Track Salvage</li> </ul> <p><b>F354 - Mandel Mountains New V2.0</b></p> <ul style="list-style-type: none"> <li>F353 - North C. New Version V1.1</li> <li>F351 - PDC/ A complete C Compilation System</li> <li>F337 - The C Manual/for Amiga</li> <li>F339 - Pascal Compiler</li> <li>F349 - MED V2.0</li> <li>F228 - Jassbench/ Replaces the original workbench</li> <li>F240 - Cross Doss/ Reads Write MSDos</li> <li>F253 - Power Packer 2.3b</li> <li>F302 - Turbo Mandel</li> </ul> <p><b>Excellent Music</b></p> <ul style="list-style-type: none"> <li>803 - Journey Into Sound</li> <li>274 - Crusaders Freeted Out</li> <li>292 - Audio Conversions</li> <li>451 - Dr Awesome</li> <li>580 - PC Boys</li> <li>575 - Wheres the base</li> <li>592 - Miami Vice</li> <li>593 - Crockets Theme</li> <li>601 - Bacteria Music</li> <li>602 - Get to the Sale House</li> <li>635 - 100 Original 64 Titles</li> <li>129 - Commodore 64 Music</li> <li>658 - Flame Arrows Vocal Attack</li> <li>686 - The Sound of silents</li> <li>689 - Technotics Remix</li> <li>711 - Ghost &amp; Goblins</li> <li>717 - Rebels Megablast</li> <li>730 - Scoopex No 84</li> <li>770 - Base-2-Base (1.2 Only)</li> </ul> <p><b>PDS New Section</b></p> <ul style="list-style-type: none"> <li>796 - Turtles Demo</li> <li>806 - Turtles Demo II</li> <li>860 - PDS Hi-Res Turtles Pictures</li> <li>836 - Total Reount</li> <li>833 - Total Retrial</li> <li>834 - Total Restyle</li> <li>835 - Total Respray</li> <li>834 - Star Wars Pictures</li> <li>V37 - Sounds. Over 25 of the Muppets</li> </ul> <p><b>856 - Puggs In Space II - Filet the Fish</b></p> | <p><b>Demo Selection</b></p> <ul style="list-style-type: none"> <li>681 - Night Breed Pictures</li> <li>715 - The Evil Dead Sample (2)</li> <li>735 - Chaos Megadeth Mega Demo</li> <li>738 - Digi Logic Mega Demo</li> <li>739 - Possessed Mega Demo (2)</li> <li>742 - Lotus Esprit Turbo Preview</li> <li>743 - Indianapolis 500 Preview</li> <li>744 - Demons Mega Demo Disk *1.2</li> <li>745 - United Forces Mega Demo</li> <li>746 - Softkillers Crew Mega Demo</li> <li>747 - Powerslaves Mega Demo (2)*</li> <li>749 - Magnificent Force Mega Demo</li> <li>750 - Golums Slideshow Disk</li> <li>753 - Cryptobuners Party Demos</li> <li>754 - Reaktor Collection No 3</li> <li>755 - PIC Slideshow Disk</li> <li>757 - Chase HQ 2 Preview</li> <li>758 - Annie and Blitterburner</li> <li>759 - Vizzl Merseyside Sample</li> <li>763 - Cave Runner and Track Record</li> <li>764 - Roger Dean Picture Slideshow</li> <li>765 - Iron Maiden Picture Slideshow</li> <li>767 - Hymnes From The Bible III</li> <li>777 - Quetzalcoatl Playable Preview</li> <li>778 - Necromn Preview</li> <li>779 - Charley Playable Preview</li> <li>792 - Aliens Mega long Sample * (2)</li> <li>794 - Black Monks Breack Dance Music</li> <li>795 - Mind Warp Collection No 2</li> <li>797 - Maadonna Hanky Panky</li> <li>798 - Turbo Mark Animations</li> <li>804 - Jean Michael Jarre Equinox</li> <li>807 - The Twist</li> <li>809 - Pang Playable Preview</li> <li>810 - Image Demo Collection</li> <li>811 - ITV Mega Music No 7</li> <li>812 - 4 Mat of Anarchy Reflections</li> <li>813 - Vox Dei Mega Demo</li> <li>814 - Jorrie's Ultimate Dodands II</li> <li>815 - Cornic Strip Presents</li> <li>816 - Amiga Chart No 5</li> <li>817 - Fresh Cola The Semi Coders(2)</li> <li>819 - Genesis Land of Confusion</li> <li>823 - Sam Fox Big Bobs</li> <li>824 - Electric Channel 5 By Impact</li> <li>825 - The Pink Goes Ape Animation</li> <li>829 - Shadow of the Beast Music</li> <li>830 - We are the Robots</li> <li>833 - Emi Ivory Gold</li> <li>834 - Star Wars Pictures</li> <li>835 - Christmas Music</li> <li>840 - Rising Force Music No 1</li> <li>842 - Waterproof</li> <li>843 - Phalanx Music</li> <li>844 - Magic Roundabout</li> <li>845 - Hacking elations</li> </ul> <p><b>Various</b></p> <ul style="list-style-type: none"> <li>F315 - Amiga Fox Word Processor</li> <li>V17 - VC Spreadsheet</li> <li>V21 - Word processing disk</li> <li>V27 - Quick Base</li> <li>V29 - House Hold Inventory</li> <li>V43 - Jassbench</li> <li>V56 - Disk Master V3.0</li> <li>V81 - D-Copy</li> <li>V89 - Megaman V1.5</li> <li>V90 - PDS Utilities Very Useful</li> </ul> <p><b>OTHER BITS</b></p> <p>[n] = n represents number of disks required. All others are single disks<br/>         * = 1Mb Required<br/>         *B = Bonus programs for 1Mb, 512K will still work</p> <p>Send A large SAE for a Free extensive List of all our demo disks. We stock All Fred Fish, TBAG</p> <p>All Orders 48 Hour Turnaround.</p> <p><b>Simply The Hottest Amiga PD Library!</b></p> |
|---|--|--|

## FLETCHER FONTS

**PACK 1 to 3** : 6 disks per pack, each disk has 7 to 15 different colour fonts, various sizes but no repeats. Instructions to load the 16 colour fonts into DPAINT as fonts. Help, Advise & Support available from PD Soft.  
**PACK A or B** : Black & White packs of fonts as above but 10 to 20 fonts per disk.  
**£15.00 Per Pack. IDEAL FOR VIDEO & ARTIST WORK**

## LICENCEWARE GAMES £3.00 each

- SPACE BLOB - Cross between Bomb Jack & Manic Miner
- MR DIG (1Mb) - The famous Mr Do!
- Q-BOID - The Coin-up Game Vulcan, Tetris Variant.

### CATALOGUE DISK

Tired of boring catalogue disks? Get the unique, easy to use PD SOFT Database Catalogue Disks. They contain details of over 1300 disks available directly from stock from us. A multitude of options including Search & print. 2 Disks Only £1.50. Free Updates

### FRED FISH PAPER

Ever wanted a complete description of all the Fred Fish disks on Paper? Well, the entire list is now ONLY available from PD SOFT. Approx. 60 Pages revealing everything about every program in this range as described by Fred Fish. Only £1.50

### PRICES PER DISK

1-5	Disks	£2.50
6-10	Disks	£2.25
11-20	Disks	£2.00
21+	Disks	£1.75

With exception to Licenceware and Special Packs.  
 XXX please ask for list and state that you are over 18.



## PD SOFTWARE

Agatron Star Trek  
(500K/1M) - 2 discs  
North C Compiler  
Fish 337 - C Manual  
Fish 314 - C Compiler  
68000 Assm.  
Fish 339 - Pascal Compiler

**3 1/2** " **DS/DD**  
**100% CERT.**  
**135 TPI**  
**INC. LABELS**

10 .....£4.90  
20 .....£9.00  
25 .....£11.30  
50 .....£21.50

**FULL RANGE OF FISH,  
AMICUS, TBAG, FAUG.**  
**ALL PD £1.20 EA INC**

**CHEQUES/PO's TO:  
SIRIUS SOFTWARE**  
**3 RHODES CLOSE, DUDLEY,  
WEST MIDLANDS DY3 3BZ**

## TORNADO PD

Send SAE for full list

Cheques/PO's to R. Cameron  
Tornado PD  
26 Gainsborough Gardens  
Bath, BA1 4AJ

5 DISK PACKS = £3.99 P&P = 50p Catalogue disk - 99p  
OTHER PD = 99p each (Minimum order 3)

**DEMO PACK**  
Coma etc., Mental Hangover, RSI  
Cebit, Northstar Megademo,  
Dragons Minimega.

**MUSIC PACK**  
Technotronic, Rebels Megablast,  
Kactus + Mahony 2, Digital  
Concert 6, Amiga Chart 5.

**ANIM. PACK**  
Puggs in Space, Space Ace  
Demo, Light Cycle Demo (x2),  
"Too Much" 3D Anims.

**1 MEG PACK**  
Walker II, The Run, Stealthy II,  
Starwars Movie (x2).

Tom Soft Dream Pack  
Bugbrain Megademo (x2)  
Ray Traced Anims  
DOPE Intro-Maker  
Tetrapplier

MED V2.02  
Alcatraz Megademo (x3)  
Puggs in Space  
The Run (1 Meg)  
Walker Demo 2 (1 Meg)

Kefrens Jukebox  
Cool Fridge  
Pseudocore Game  
Turtle Mania  
Agatron Slideshow 8

# I.C.P.U.G

**the Independent  
Commodore Products Users Group  
is the largest and most friendly  
computer club in the country**

- ★ Over 700 disks of Amiga Public Domain Software entirely free to members - you supply blank disks and pay only for postage.
- ★ Superb 100-page magazine published every two months - keep up to date with latest Amiga hints and tips. Get the news from America first!
- ★ Meet other Amiga users at one of our many local groups which meet regularly all over the country.
- ★ Help and advice services - hardware or software problems can be quickly resolved.
- ★ Discount scheme makes purchases easier! Save money on hardware add-ons and software.
- ★ Subscription for 1991 only £17.00 including £1 joining fee
- ★ Before requesting any software, please wait for your membership details to be sent to you.
- ★ Overseas prices on application.
- ★ Want to have a look before committing yourself? Back issues of the magazine from 1990 to all at £2 each.
- ★ We support ALL Commodore machines with extensive software libraries and help services.

If you are seriously interested in using or programming your Amiga, or indeed any Commodore Computer, then joining ICPUG is a must!

For full details send a stamped addressed envelope to:



ICPUG Membership Secretary, Jack F. Cohen,  
PO BOX 1309, LONDON N3 2UT  
Telephone 081-346 0050 after 6.00pm

## SOFTVILLE

COMPUTER SUPPLIES  
Unit 5, Stratfield Park,  
Elettra Avenue, Watlooville,  
Hants. PO7 7XN

Tel: 0705 266509 Fax: 0705 251884



Prices (each disk)  
1 to 5 disks - £3 6 to 9 disks - £2.75  
10 or more - £2.50  
Buy ten choose another FREE  
Choose any 5 disks, get 5 blanks, labels  
and a library case for only £16.50  
ask for Starter Pack

These are brief descriptions, disks may contain much more.

### GAMES

UGAME1 - COSMAROIDS, ROLLERBALL, ORBIT 3D & LADYBUG  
UGAME2 - FLASCHBER, 250 frantic levels!  
UGAME3 - LINGO, BALLY, NIGHTWORKS & YOUPI  
SOF44 - PUZZLE PRO, cuts FF pictures, you put it together!  
SOF68 - CLASSIC card/Board games including CRIBBAGE  
SOF69 - CLASSIC arcade/Board games including MISSION COMMAND  
SOF78 - PACMAN, the all time classic  
SOF117 - EMPIRE, GRAVWARS, HANOL, JACKLAND etc.  
SOF118 - GRAVATTACK, BULLRUN, WORLD etc.  
SOF186 - LARN (the giant) ADVENTURE  
SOF396 - TENNIS, great shareware PRG (Imeg)  
SOF501 - (2disks £5) STARTREK, brilliant PD version (Imeg, 2drives)  
SOF521 - PSEUDO COP, great game from Pseudo-Ops  
SOF530 - SkyFight, Bleed, Shhoulout (hot v1.37)  
FF357 - EMPIRE, new version multi-player game. Keyboard or modem  
SOF547 - DRIP arcade style game, dodge the pipes etc. Good!  
FF320 - AMIOMEGA, similar to Hack but more complex.  
FF312 - CHINACHALLENGE, shanghai game, MOONBASE lunar lander.  
FF259 - Escape From Jovi, fast action game, multi-levels.

### PICTURES

SOF16 - 18 digitised HAM pictures, classics  
SOF20 - NASA DIG-VIEW slideshow, 14 quality pictures.  
SOF79 - SAM FOX SLIDESHOW, in her usual state of dress!  
SOF90 - Vallengo's FANTASY PICTURES - Vol3  
SOF108 - PAGE3 PICTURES, Selection of good digitised pics.  
SOF119 - ADULT GRAPHICS, 9 high-res pic's  
SOF124 - PLAYBOY slideshow!  
SOF125 - PLAYBOY slideshow!  
SOF127 - Pictorial tribute to PATRICK NAGEL.  
SOF143 - Great slideshow of hand drawn pic's.  
SOF145 - FANTASY type pictures, of a lady being rescued?  
SOF147 - FANTASY pictures, these are the BEST you'll see!  
SOF149 - THE ADVENTURE CONTINUES, slideshow of the Space Shuttle  
SOF182 - BRASSART pictures arranged in a slideshow.  
SOF183 - BRASSART pictures as above.  
SOF197 - BARBARIAN ladies, fabulously drawn  
SOF385 - JOE Slideshow2, over 20 pictures and great tune.  
SOF454 - TAG Slideshow with familiar theme  
FF196 - the absolute BEST scanned pic's you'll ever see!

### LANGUAGES

FF351 - PDC, publicly distributable C, complete  
FF347 - CURSOR, 3pass AmigaBASIC compiler  
FF340 - NORTHG, C environment based on SazobonC.  
FF339 - PCQ self compiling PASCAL compiler.  
FF337 - GMANUAL, complete C manual & 70 source examples.  
FF314 - A68K, assembler, ZC, C compiler  
FF247 - ASSEMTOOLS, 140 routines for assembly programmers.  
FF140 - StoneyBrook PROLOG - needs both disks (below)  
FF141 - Disk two of above.  
SOF184 - MODUL A2 compiler complete with documentation.  
SOF549 - ARP 1.3, complete with documentation.  
APDC25 - FORTH, MODUL A2, LISP & LOGO

## PUBLIC DOMAIN & SHAREWARE

For the AMIGA range (ATARI ST, PC also available)

- 1 Huge selection, over 2000 disks
- 2 Over Four Years Experience
- 3 Same day service (Mail & phone/fax before 12am)
- 4 Pay by Access, Visa, Cheque, PO or Cash
- 5 Order by Phone, Mail or Fax
- 6 Official/Government orders accepted
- 7 90 page catalogue FREE
- 8 Professional Service, ring for advice!

Send 37p SAE for FREE catalogue, state AMI

### MUSIC & MIDI

SOF10 - MIDRUI, MIDI2, PAN12, CZ101, CZL + DMCS MIDI songs  
SOF11 - Hundreds of new instruments for CZ synth  
SOF12 - 40 SOUND EFFECTS plus a player program  
SOF105 - POPHITS + pictures of Mel&Kim, PetShopBoys, Madonna etc.  
SOF106 - AMIGASOUNDS 2 by A.Star, 3 tunes.  
SOF107 - CROCKETTS THEME, great sample  
SOF138 - MIAMI VICE - DIGITISED, brilliant  
SOF146 - 5 more by A.Star, 18 minutes of brilliance  
SOF148 - Best of SONIX Tubular Bells, Its a Sin.  
SOF152 - Amiga POWERMUSIC No.1, ten great songs  
SOF155 - SOUNDMACHINE 1,2,3 on one disk!  
SOF160 - GRAND MIX sampled by the Future Bros.  
SOF225 - KYLIE MINOGLUE and LOCOMOTION  
FF349 - MED V2, Musical editor - very good indeed

### CLASSIC DEMONSTRATIONS

SOF3 - Fred the Baker Roses Flower Shop, classic  
SOF7 - THE PROBE demo, so good was on TV!  
SOF33 - NEMESIS, HEHILL, Vancor, Wavebench etc.  
SOF34 - ROCKER, KAHNANKAS, BERSEK  
SOF40 - WALKING LEGS, brilliantly done!  
SOF54 - (2disks/drives £5) NEWTEK, original (Imeg)  
SOF56 - DOC'S DEMON demo, original but good!  
SOF70 - BOING!, SPRING!, JUGGLER, TLT etc. etc.  
SOF64 - EL GATO, RED BARON, FSW (Imeg)  
SOF219 - 2 disk, 2meg vers the WALKER demo (ES)  
SOF254 - Imeg version of the classic WALKER demo  
SOF255 - Imeg version of WALKER2, the follow up  
SOF144 - PUGGS IN SPACE, cute anim' well done  
SOF546 - FRACTAL FLIGHT, brilliant animation. (Imeg)  
SOF467 - NEWTEK demo reel3, new production (2disks/drives, Imeg £5)

### SOUNDTRACKER

SOF458 - New 8 Track Soundtracker  
SOF474 - NOISE TRACKER v1+ plus documentation.  
SOF262 - SOUNDTRACKER vers 1,2,3 & 4 plus instructions & 40 songs plus MEGATRAX (2disks, £5)  
SOF384 - (3disks - £6) ST-02 to ST-04 instruments  
SOF433 - Complete SOUNDTRACKER set ST-01 to ST-08 (8disks £16)  
SOF434 - Alternative ST-00 disk contains GMC, noise v1, Doc v21 etc. etc.

### UTILITIES - TEXT HANDLERS

FF359 - TEXTPLUS word processor  
FF328 - ANALYTICALC for numerical analysis, includes spreadsheet etc.  
SOF500 - Disk set of CLIP ART various (£15)  
FF316 - AMIGAFOX, text processor' graphic facilities  
FF228 - JAZZBENCH multi-tasking workbench.  
FF210 - CALC, scientific/programmer calculator. Loaded with features.  
APDC23 - Word processor, 2 spell checkers, 4 databases.  
SOF15 - CLIP ART DISK for pagesetter  
SOF17 - Ray Tracing Construction Set  
SOF21 - CLIP ART DISKS for Pagesetter  
PAN48 - WORDWRIGHT word processor  
SOF123 - MICAQ, amiga CAD program  
SOF126 - UEDIT, manipulate your files in comfort!  
SOF169 - Cosmopolitan FONTS for Dpaint  
SOF170 - FANCY FONTS as above  
SOF171 - PUBLISHERS FONTS as above  
SOF172 - VARIOUS FONTS as above  
SOF191 - ARENDER v3, ray lace package  
SOF240 - CHET SOLACE DISK, 26 utilities on one disk!

Plus we have 11 disks of UGA utilities, full of all those 'hard to get' utilities.

plus we have OVER 400 DISKS FULL of demo's, the largest collection around.

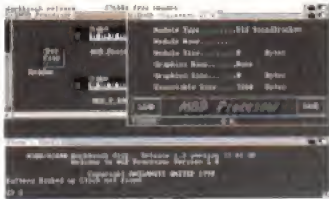
PLUS we stock the FULL RANGE of FRED FISH disks, + A.FDC, Slipped Disk, FAUG, TBAG collections and are EXCLUSIVE distributors of the famous United Graphic Artists collection.

If you can't see it here just RING AND ASK!



for use with the Devpac 2 assembler. The really good bit is a long discourse on optimizing 68000 assembly language – that is, making it as fast as possible. The author of this particular piece is Lawrence Vanhelsuwe and he really does seem to know his stuff on the subject. He also objects to the PCM running ludicrously irrelevant, sensationalist material.

**KEFRENS/  
METALLION  
UTILS  
AMIGANUTS 848**



The Powerfonts utilities do a very good job indeed and are all clearly explained.

This disk of utilities was knocked up by Metallion of the Kefrens coding group. There are only five different programs, but each one has a good explanation with it. A clear case of quality rather than quantity, for a change.

The first utility is *NewTopaz*. Topaz is the standard font on the Amiga, which means that the vast majority of serious software looks much the same. *NewTopaz* allows you to replace Topaz with the font of your choice, so that your serious software gets that personal touch and will work with the font of your choice.

There are two font designers on the disk, plus lots of preset fonts to experiment and play with. *Powerfonts8* deals with 8 X 8 fonts, *Powerfonts16* manipulates the larger 16 X 16 type. They're simple to get to grips with, not fussy and with just a few fancy bits to make them look good. *Powerboot*, by contrast, is an

icon-driven program to make up boot disks to taste. Start-up and comment messages are easily added, as is a start-up facility to get your programs running.

Completing the line-up is *QuickRAM*, which actually copies commonly-used DOS commands to RAM disk, which enables you to use the CLI without too much fuss on single drive machines.

**PROPHECY  
FRACTAL  
SCAPE II  
CRAZY JOE'S 1078**

An unusual program. Prophecy are a coding crew, which is the message you get from the coloured starscape intro, so in theory this should be a demo. It's not, though – it's a fractal viewing program.

A fractal is speedily generated in a window at the top of the screen. You can zoom in on it or change the colours. Once you are happy with the fractal outline, you can view it as a landscape from one of four different directions by tilting the joystick and then simply pressing the firebutton.

Although it is a bit limited compared to other fractal generators, this one does have the advantage of being very fast. The main interest is in Prophecy doing a more 'serious' program – is this a trend to come? What's next – SCA Wordprocessor? Scoopex Database? Time will tell.



Simply messing about with *Fractal Scape*. First the fractal can be zoomed in on, and the colour palette selected...



...then you push the joystick in the direction that you want to view from, and a fractal landscape is drawn in a few seconds.

**TOP TEN UTILITIES  
Start Computer Systems**

1. North C
2. C Manual
3. Sid V1.6
4. Business Pack
5. Noistracker
6. JazzBench
7. Rendle Europa 6
8. MessyDos
9. TV Graphix
10. Amibase

**TOP TEN DEMOS  
Start Computer Systems**

1. Budbrain Megademo
2. Digi Concert V1
3. Enterprise Leaving Dock(1 Meg)
4. Crionics Megademo
5. All New Star Trek
6. D-Mob Music 4
7. Fraxion Horror
8. Walker Demo II
9. Sound of Silents
10. Alcatraz Megademo 4

**S U P P L I E R S**

The following companies all contribute to the distribution of Amiga public domain software in this country. For their full addresses check the advertisements in *Amiga Format* or give them a ring on the numbers listed here.

**17-Bit:** 0924 366982, **A Bit on the Side PD:** 0302 887332, **Amiganuts:** 0703 785680, **Amiga PD Library:** 0742 750623, **AMOS PD:** 0942 495261, **Arakis PD:** 20 Ashwood House, Victoria Road, Hendon, London NW4 2BD, **Beat This Amiga PD:** 5 Fullarton Drive, Troon, Ayrshire, **Bed-Rock PD:** 061 652 1366, **Blitterchips:** 0535 667469, **Capricorn Computers:** 021 7070381, **Crazy Joe's:** 0709 829286, **CYB:** 081 542 7662, **Deeper Domain:** 081 204 3954, **Dominion PD:** 54 Palmerston Rd, Buckhurst Hill, Essex, IG9 5LH, **EMPDL:** 0602 630071, **EPROM Services:** Freepost, Leeds LS27 8YA, **George Thomson Services:** 0770 82234, **Hobbyte:** 0727 56005, **ICPUG:** 081 346 0050, **JTS PD:** 0937 83834, **Lorenzo's Domain,** 30 Colquhoun, Helensborough, Scotland, G84 8AQ, **Magnetic Media:** 0827 59566, **NBS:** 0983 529594, **New Image PD:** 40 Appleby Gardens, Dunstable, Bedfordshire, **Newtons PD:** 14 Beech Grove, Beverly Rd, Hull, HU5 1LY, **Nova:** 0295 262029, **PAS Enterprises:** 3 St Johns Walk, St. Ives, Cornwall, **PD Essentials:** 132 Wentworth Way, Sanderstead, Surrey, CR2 9ET, **PD Rebels:** 12 Cornfield Rd, Jump Farm, Devizes, Wiltshire, **PD Soft:** 0702 612259, **Power Domain:** 21 Sylvanus, Roman Wood, Bracknell, RG12 4XX, **Premier PD:** 15 Croxteth Rd, Rainford, **Purple PD:** 0279 757692, **Premier S/W:** 0101 415 593 3207, **Recoil:** 0372 721939, **Riverdene PDL:** 0734 452416 **Sagittarian PD:** 081 520 3858, **Sector 16:** 0865 774472, **Senlac Software:** 0424 753070, **Seven Seas PD:** 60 Canary Rd, Dungannon, County Tyrone, N Ireland, **Softville PD:** 0705 266509, **Southern PD:** 0273 517147, **Start Computer Systems:** 091 564 1400, **Strathclyde PD:** 23 Timmons Terrace, Chapel Hall, Airdrie, Scotland, **Strictly PD:** 11 York Place, Hotwells, Bristol BS1 5UT, **Supervision:** 0983 812867, **Track:** 0332 41817, **Syncromatics:** 12 Meadway, Haslemere, Surrey, G27 1NW, **Unbeatable Prices:** 051 924 0200, **Valley PD:** PO Box 15, Peterlee, Co. Durham SR8 1NZ **Virus Free PD:** 23 Elborough Rd, Moreton, Swindon, Wilts, SN2 2LS, **WCA** 0792 772745.



**85p**  
Per disk

**ECHO**

Please add 35p P&P to total order value. Free library list with first order. No Membership fees

- MO01 ABERCROMBIES COSMIC EAR MUSIC DISK - Exclusive and Far Out!
- U017 DRUM SAMPLES - The best samples on the Amiga - Exclusive
- U018 SAMPLES 1 - Everything from Grannyburps to Gorgonzola - Exclusive
- U005 MED V2.01 - Updated unbugged Midi support, make Grannyburp chords.
- DO21 BUDBRAIN MEGADEMO - Fun filled, includes constipation sketch! 2 disks
- MO09 COMIC STRIP MUSIC - Lashings of ginger beer, come and get it. 1 meg only
- DO31 Teenage Mutant Hero Turtle Demo - for the kid's Christmas stockings
- DO28 Red Devil Compilation 8 - Technically rather good. 1 meg only.
- MO17 Ipec Elite Disco Fever - Get down!
- MO12 Cesspit at the end of the rainbow music - exclusive and different
- DO35 EPIC GAME DEMO (1 meg req) - Brilliant Ocean demo, awesome graphics.

**WE ALSO STOCK ALL DISKS REVIEWED IN THIS MONTH'S AMIGA FORMAT PD SECTION.**

Send Cheques/PO's to: **ECHO PD, 16 CHURCH ROAD, ALSAGER, S-O-T ST7 2HB**

**Strathclyde P.D.**

Public Domain From North Of The Border

- Top 10 Demos**
1. Budbrain Megademo (2 disks)
  2. Digital Concert 6
  3. Enterprise leaving dock (1 meg)
  4. Cronics Megademo
  5. All new Star Trek (game)
  6. D-Mob Music 6
  7. Fraxion Horror
  8. Walker demo 2
  9. Sound of Silents
  10. Alcatraz Megademo 4.

**P.D for 25p**

Yes for only 25p we will copy a program onto your disk from our list of 560 programs, many from the Fred Fish library.

- Top 10 PD**
1. North C. C Compiler
  2. C Manual (3 disks)
  3. Sid V1.6
  4. Pro Tracker
  5. Norettracker
  6. Jazzbench
  7. Pendle Europa 6.
  8. Mossydos
  9. TV Graphix
  10. Amibase

**New Low Prices:-**  
1-5 £1.30  
6-10 £1.10  
11+ 90p  
Top Ten £1.00

Merry Christmas and a happy New Year to all our customers from Strathclyde P.D

**Catalogue**  
Send SAE (9" x 6", 33p) + 50p for full list.  
Disk catalogue £1.00 + SAE

Send cheques/PO's payable to: **STRATHCLYDE PD**  
23 Timmons Terrace, Chapelhall, Airdrie, ML6 8UT

**RIVERDENE PDL**

30a School Road, Tilehurst, Reading, Berkshire RG3 5AN.

Tel: (0734) 452416

Fax: (0734) 451239

DEMOS	GAMES	LANGUAGES
DEM518 NEVERWHERE	GAM104 PACMAN 87	LAN15 68000 ASSEM
DEM524 UP-FRONT	GAM378 PARANOID	LAN112 PCQ PASCAL
DEM577 CINE FX	GAM512 TETRIX	LAN380 AM. BASIC SOURCE
DEM587 DEPECHE MODE	GAM579 DRIP	LAN385 C & 68K SOURCE
DEM614 DIGITAL CONCERT 6	GAM605 BIONIX II	APD545 AMOS LISTINGS 1
DEM615 SPREADPOINT	GAM625 AUTOBAHN 3001	APD560 AMOS LISTINGS 2
DEM617 FRAXION HORROR	GAM626 TRAIN SET	APD564 AMOS V1.21 UPDATE
ART	MUSIC	UTILITIES
ART42 STAR WARS	MUS284 SOUNDTRACKER	UTL384 BANK N
ART125 LUXO	MUS285 SAMPLES	UTL578 SKUNK'S UTILITIES
ART128 NASA	MUS458 OKTALYZER	UTL618 RIM DATABASE
ART401 FRACTALS	MUS610 SYNTHIA 2	UTL619 VISICALC
ART629 STEALTHY II (1 MEG)	MUS607 BEATLES MUSIC	UTL620 D-COPY
ART630 M-CAD	MUS612 BAGPIPE MUSIC	UTL621 ESA UTILITIES 1
ART631 FAST CARS	MUS623 SOUNDTRACKER V4	UTL632 GENEALOGY (1MEG)

**WE ALSO STOCK THE COMPLETE AMOS PD LIBRARY & LICENCEWARE DISKS**  
ALL PUBLIC DOMAIN £2.50 EACH OR £10 FOR ANY 5 DISKS  
ALL PRICES INCLUDE FIRST CLASS POSTAGE & PACKING

FREE CATALOGUE ON DISK WITH ALL ORDERS OVER £5

**FREE PD CATALOGUE ON DISK**

(please state Atari ST or Amiga)

when you send a blank disk and SAE to RIVERDENE PDL

ACCESS AND VISA welcome  
WHY NOT VISIT OUR SHOP?



**AMIGANUTS UNITED**

169, DALE VALLEY ROAD, HOLLYBROOK, SOUTHAMPTON, SO1 6QX

0703 785680 - 10am to 6pm Mon-Fri

WE ARE THE OFFICIAL UK DISTRIBUTORS OF THE FANTASTIC T.B.A.G. DISKS FROM U.S.A.  
THE VERY LATEST ARE ALWAYS AVAILABLE FROM US FIRST



230: Music disk with over 44 different scores!	£1.50	805: The Fantastic WRATH OF THE DEMON Animation Demo.	£1.00
284: PICTURE PUZZLES Can you connect the adult pictures?	£1.50	812: STAR TREK U.S. Version. GOOD! (1 MEG) (2 Drives).	£4.00
287: OFFICIAL NASA space pictures	£1.50	813: A-GENE Genealogy (FAMILY TREE DATA) (1 MEG Min).	£2.00
389: PUGS IN SPACE Hilarious animation	£1.50	814: AEROTOON ANIMATION With Great Sound efx (1 MEG).	£1.50
394: ALCATRAZ MEGADEMO III An excellent set.	(3 Disks) £4.00	855: INNERSHIP An excellent new version of breakout	£1.50
481: BREAKOUT construction game With game editor	£1.50	861: GENOCIDE PICTURE SHOW (FOR ADULTS ONLY)	£2.00
521: ALL NEW STAR TREK, AUTHORISED English Ins.	(2 Disks) £4.00	864: MOD PROCESSOR Want to make executable picture/music	
576: EDUCATION packed with progs for the children	£2.00	progs? This will even work with MED music modules. A MUST!	£2.50
634: The Funny DONALD DUCK animation plus the WINDMILL anim	£1.50	865: The great Scoopex CHROMIUM demo + four others (1 MEG).	£1.00
639: C MANUAL by Anders Bjerin A three disk set, 200 pages of		868: The Fantastic MAYHEM game from INSIGNIA it's great!	£2.50
instructions on opening windows/screens/graphics/gadgets/		873: FRAXIONS latest slideshow called FUTURE VISIONS	£1.50
sprites. Loads of examples (FULL KNOWLEDGE OF THE CLI IS		***** THE LISTING BELOW IS FROM OUR LICENCEWARE PROGRAMS *****	
REQUIRED)		705: AMIBASE PROFESSIONAL A very good database prog	£2.50
649: BUDBRAIN TWO DISK MEGADEMO, (FOR ADULTS ONLY)	£5.00	876: QUIZMASTER Think you know it all? Well now you can PROVE it.	
640: 8 GAMES INC TRAIN SET, A MUST for the kids	£3.00	Each player enters their name and is represented as a racing car,	
680: WORD SQUARE SOLVER - Solve magazine puzzle squares.	£2.00	the first to answer all the questions, crosses the winners grid.	
681: AMI-FX ISSUE 1 3 DISKS (FRACTALS) (1 MEG MIN)	£2.00	With save and re-load facility. (1-4 players) EXCELLENT.	£3.50
700: D-COPY EXCELLENT copier program, with VERIFY and MORE.	£5.00		
706: 3 GAMES BY PH SOFTWARE. The TURN, TRICKY, MARBLE SLIDE	£2.50		
707: EIGHT COLOUR ICONS All ready for your use	£2.00		
717: MUSIC DISK 53 tracks, 90 MINS! (For the collection)	£1.50		
727: SLINTERS TALE II Rude, but funny (2 Disks/Drives).	£2.00		
728: UTILS The Famous BOOT-SHOP, BOOT-KIT + others	£3.00		
729: CREEPSHOW A very well presented horror pics disk	£2.50		
740: MED V2 13 A TOP quality version of this FANTASTIC music	£2.00		
utility, a host of new additions, including synth sounds.	£2.50		
741: NorthC V1 2 The VERY LATEST from Steve Hawtin, this set is on			
TWO DISKS, packed with extra examples & advice on bugs	£5.00		
755: SUPER C COMMANDS FROM TWILIGHT (FASTER C DIR PROGS)	£1.50		
758: BOOTBENCH This one is packed with bootblock utils.	£2.00		
760: Letter writers disk. Set up and ready for your letters	£1.50		
790: PROFESSIONAL SOUNDTRACKER V1.0 is here! just press HELP			
key, whilst running, for full instructions, ALSO latest Ntracker V2.12,	£2.50		
by Exolon And the FINAL version of DISKMASTER (V3), CLI TOOL	£1.50		
798: ROB BAXTER'S AMIGADEUS (Mozart), classical music disk	£1.50		
799: ROB BAXTER'S CLASSICAL MUSIC, (HANDEL & BACH)	£1.50		

\* FREE! - When you order 10 or more programs from the ABOVE list you will receive an Amiganuts pen + Hypnosis 6 Demo disk - FREE \*

FREE DISKS + FREE PROGS + FREE MEMBERSHIP - THERE ARE OVER A THOUSAND DETAILED PROGS LISTED ON THE MAIN CATALOGUE DISK. ONLY £1.00



# QUESTIONNAIRE

Whether you're new to *Amiga Format* or have been reading us for all 19 issues, your opinion is what matters to us - we want to produce the magazine you want. So what **do** you want? Fill in this form and send it back to us and we'll know. Send the form or a photocopy to: **Amiga Format Questionnaire, 30 Monmouth Street, Bath BA1 2BW.**

Name.....  
Address.....  
.....  
.....

**1. How old are you?**

- Under 12 .....
- 13-18 .....
- 18-24 .....
- 25-40 .....
- 41-60 .....
- Over 60 .....

**2. What sex are you?**

Male ..... Female .....

**3. How much do you earn a year?**

- Under £3,000 .....
- £3,001-£6,000 .....
- £6,001-£10,000 .....
- £10,001-£15,000 .....
- £15,001-£20,000 .....
- Over £20,000 .....

**4. Which computer(s) do you own?**

A1000..... A500.....  
A2000..... A1500.....  
Other (please specify).....

**5. What hardware do you (a) own or (b) intend to buy during 1991?**

- Second disk drive..... a ..... b
- Hard disk..... a ..... b
- Joystick..... a ..... b
- MIDI interface..... a ..... b
- Modem..... a ..... b
- Memory upgrade..... a ..... b
- Printer..... a ..... b
- Monitor..... a ..... b
- Freezer cartridge..... a ..... b
- Sound sampler..... a ..... b
- Genlock..... a ..... b
- Video digitiser..... a ..... b

**6. What software do you (a) own or (b) intend to buy during 1991?**

- Word Processor..... a ..... b
- Database..... a ..... b
- Spreadsheet..... a ..... b
- Graphics..... a ..... b

- Video titling..... a ..... b
- Desktop publishing..... a ..... b
- Communications..... a ..... b
- Assembler..... a ..... b
- Accounts..... a ..... b
- CAD..... a ..... b
- Programming language..... a ..... b
- Music..... a ..... b
- Sound sampling..... a ..... b
- Video digitising..... a ..... b
- Educational..... a ..... b

**7. Will you buy games in 1991?**

Yes..... No.....

**8. How much do you use your Amiga for the following?**

Games? Art, music etc? Business?  
Lots  
Quite a bit  
Not much  
Not at all

**9. Which computer magazines do you buy? (Please give each a rating out of 10)**

*Amiga Format*..... /10  
..... /10  
..... /10  
..... /10  
..... /10  
..... /10

**10. Rate our regular sections out of 10 and indicate whether you think there should be more or less of them. (Tick the same number of 'more' and 'less' boxes.)**

	More	Less	Same
News.....	/10		
Disk.....	/10		
Graphics.....	/10		
Previews.....	/10		
Screenplay.....	/10		
Gamebusters.....	/10		
PD Update.....	/10		
Music.....	/10		
Beginners.....	/10		
Competitions.....	/10		
Workbench.....	/10		
Letters.....	/10		
Adverts.....	/10		
Hardware reviews.....	/10		
Software reviews.....	/10		

**11. What is the main reason you buy *Amiga Format*? (tick only one please)**

For the Coverdisk .....

- For the reviews of new products .....
- For the tips on using the Amiga.....
- For the ads to look for good buys .....
- For the latest news .....
- For a good read .....

**12. How many issues of *Amiga Format* have you bought? .....**

**13. How many issues of *Amiga Format* do you expect to buy in the next 12 months? .....**

**14. How many people read your copy of *Amiga Format*? .....**

**15. How much does the cover design of this issue appeal to you? .....** /10

**16. What has been your favourite cover on *Amiga Format*? (tick the issue number - a reminder of the covers on Page 161).**

1	2	3	4	5	6	7
8	9	10	11	12	13	
14	15	16	17	18	19	

**17. Please give a rating out of 10 for the following aspects of *Amiga Format*.**

The quality of the Coverdisk..... /10  
The usefulness of its tips and advice .... /10  
The reliability of the reviews..... /10  
Its value as a good read..... /10  
Its up-to-dateness of information .....

**18. What sort of features would you like to see in *Amiga Format*? (tick only two)**

- Games features.....
- Serious software comparisons.....
- Hardware comparisons .....
- Interviews and profiles .....
- Tutorials for individual programs.....
- Programming tutorials.....
- Introductions to areas of computing (comms, DTP, PD etc) .....

**19. Please use this space to give any other comments on how *Amiga Format* can be improved.**

Thank you for your time and trouble!



# IRELAND'S No.1 PD

- |                                |                          |
|--------------------------------|--------------------------|
| 188 J.M. Jarre music           | 353 Dope Intromaker      |
| 281 Jazzbench                  | 366 Metal Hangover       |
| 295 Puggs in space (1 meg)     | 367 Nightbreed Slideshow |
| 308 Demo Mania 1               | 380 Digi Concert 6       |
| 318 Budbrain Megademo (2 Disk) | 391 Tetracopy            |
| 334 Popeye meets the Beachboys | 402 64er (100 C64 tunes) |

Full range of T.B.A.G. disks in stock.

FREE PD Catalogue Disk when you send blank disk & S.A.E. (or send £1.50)

Prices: £2.00 per disk. Ask about our special packs.

Colin Byrne (AF1), 25 Kilbarron Drive, Coolock, Dublin 5.  
Phone 483743

# hill pd

Disks cost £1.10 each.  
Supply own disk - 80p.  
We will get you any disk,  
please add 50p per disk.  
All prices include p&p.

- |                      |                |
|----------------------|----------------|
| G32 Forgotten Realms | G33 Nasa Pics  |
| G52 Juggette Anim    | G54 Digiwheels |
| G59 Space Bubbles    | G61 Sun 2      |
| G62 Fillet The Fish  |                |
| M2 Clapping World    | M7 Digi Con 3  |
| M14 Jarre Demo       | M23 Popeye     |
| U11 Sound Tracker    | U19 Jazzbench  |
| GM11 Pseude Cop      | GM13 Welltrix  |

Any 5 above only £4.50

Send stamped addressed envelope for list to:

Hill pd, 23 Oakfield, Newton Aycliffe, co. Durham, DL5 7AS.

# VIRUS FREE PD

We stock all the latest demo's, music & utilities etc, as well as all the classics, at a great price.

**PURCHASE 10 DISKS and choose another 5 FREE**

Limited period only.

**£2.00 A DISK**

**OVER 100 DISKS ADDED EVERY MONTH  
ALL DISKS ARE DISTRIBUTED VIRUS FREE & MOST  
ORDERS ARE DISPATCHED WITHIN 24 HOURS...**

**OVER 1000 PD DISKS CATALOGUED.**

- | DEMO'S                  | MUSIC                      | UTILITIES                 |
|-------------------------|----------------------------|---------------------------|
| 299. Kefrens Mega Demo  | 899. Groove in the Heart   | 941. Art of Virus Killing |
| 300. Demons Mega Demo   | 558. The Power Remix 1 Meg | 940. Atari to Amiga GFX   |
| 321. Kefrens Pyramids   | 999. The London Beat 1 Meg | 923. Printer Drivers      |
| 348. Demons Slides 2    | 952. Kefrens Jukebox       | 901. Viruscope            |
| 349. IKS Mega Demo      | 938. Phantasm Music 3      | 659. Essential Utils 1    |
| 354. Joes Slideshow 2   | 920. 100 C64 Tunes         | 679. Loads Music Utils    |
| 355. Link Mega Demo     | 907. PSA Music Disk        | 671. Rim Database         |
| 356. Chaos Mega Demo    | 892. Reflections 2         | 652. Med                  |
| 360. Pseudo-Ops Demo    | 878. Cave Music Disk       | 643. Uedit                |
| 389. Vision Mega Demo 4 | 813. Pace Music 2          | 567. Noisetracker etc     |
- 
- | ADULT GAMES AVAILABLE OVER 18's ONLY | GAMES                     | TOP FIVE MOVERS        |
|--------------------------------------|---------------------------|------------------------|
|                                      | 856. Xenon 3              | 558. The Power Remix   |
|                                      | 853. Golden Fleece        | 659. Essential Utils 1 |
|                                      | 850. Breakout Con Kit     | 613. 202 Utilities     |
|                                      | 849. Holy Grail           | 644. Dope Intro Maker  |
|                                      | 843. Metagalactic Llama's | 999. London Beat Mix   |
|                                      | 631. Hi Soft Basic Games  |                        |

**NOW AVAILABLE: CLIP ART Vol. 1 3 DISKS ONLY £5.99**

Catalogue Disk Available at £1.00 sent FREE with orders over 5 Disks

Send Postal Order or Cheques to:

**VIRUS FREE PD (Dept AF)  
23 ELBOROUGH RD,  
MOREDON, SWINDON,  
WILTS, SN1 5AR. ENGLAND  
TEL: 0793 512321**

\* Minimum order of 3 Disks  
\* ONLY £2.00 a Disk  
\* Overseas orders welcome  
But please send Euro cheque or Bankers draft with order.  
Add £3.00 towards P&P

# SOUTHERN P.D.

Amiga Public Domain Library open Mon-Sat 10am-5pm  
All P.D. disks are 99p only + 60p P&P (per order)

This months special offer - Buy any 10 PD disks and get 2 PD disks free

- |   |           |   |
|---|-----------|---|
| A242 2 Player Soccer League by David Ramsey | (2 disks) | Blank 3.5" disks<br>1 to 9 60p each<br>10 to 49 50p each<br>50 or more 48p each<br>all prices above<br>include labels<br><b>Disks marked<br/>* = 18yrs only<br/>** = 1 meg only</b> |
| A145 Flash-No Brain No Pain                 | (2 disks) |   |
| A147 Flash-Hit The Road                     | (2 disks) |   |
| A143 Treacle Megademo                       | (2 disks) |   |
| A220 Star Trek: Game 3                      | (2 disks) |   |
| A070 RAF Megademo                           | (2 disks) |   |
| A078 Budbrain Megademo*                     | (2 disks) |   |
| A241 Scoopex Sonix Beast Music              |           |   |
- 
- |                                     |                             |
|-------------------------------------|-----------------------------|
| A226 Crusaders Collection (8 demos) | A211 The Wall (Pink Floyd)  |
| A203 Newtrons Music Box             | A239 Porky Pig Demo         |
| A180 Science 451 Megademo           | A023 Vangelis Demo**        |
| A024 Digital Concert 2              | A046 Bad (M. Jackson)       |
| A038 Digital Concert 3              | A112 Madonna: Spunky        |
| A039 Digital Concert 4              | A120 Fraxion Horror*        |
| A177 Digital Concert 5              | A223 Walt Disney Pictures** |
| A160 Digital Concert 6              | A225 Defjam/Red Sector Demo |
| A218 Cave Party Demo                | A209 P-Copy (Disk Copier)   |
| A043 Debbie Gibson E/Youth (2 disk) | A114 D-Copy (Disk Copier)   |
| A075 Darkstar Utility Disk 2        | A139 Cool Cougar**          |
| A073 Darkstar Utility Disk 3        | A119 Turtlemania            |
| A113 Mega Utility Disk (209 utils)  | A095 Kilie Demo (2 disks)   |
| A117 Shadow of the Beast Demo       | A005 Puggs in Space         |
| A191 Betty Boo (Music Disk)         | A168 Flexibase (Database)   |
| A108 Emerald Mine 3 (Game)          | A083 Space Ace Demo         |
| A107 Eaimine (Boulderdash Game)     | A098 Speedbench             |
| A009 Predators Megademo (2 disks)   | A187 Pseudo-Cop Game        |
| A013 Kefrens Megademo 8 (2 disks)   | A200 Safe Sex Demo          |
| A012 Alcatraz Megademo 4 (2 disks)  | A202 Cool Fridge Demo       |
| A011 Trilogy Megademo (2 disks)     | A197 A-Copy (Disk Copier)   |
| A207 Drip** (Good Game)             | A110 Amiga Charts 5         |
| A190 D-Mob Mega Music Disk 3        | A185 Armada Demo Disk       |

Please make cheque /Postal orders payable to

**SOUTHERN COMPUTERS**  
Post all orders to: 31 Hanson Rd,  
Newhaven, East Sussex, BN9 9EQ

**Tel: 0273 517147**  
Send SAE 8x4 for a free catalogue

All prices are  
per disk  
some demos are 2  
or more disk sets



# B-SOFT

**PUBLIC DOMAIN SOFTWARE  
FOR ALL MODELS OF AMIGA & ST**



- |  |   |
|--|---|
| <b>HOA1</b> A three disk collection, includes Word Processor, Spreadsheet, Database, Spell Checker and other utilities useful for serious work. £5.00 for the suite. | covers Evolution, World Geography, Languages, Metric Conversion, Elements, Weather Forecasting £8.00 pack               |
| <b>HOA9</b> HOME BANKING, a home finance package, and HomeHelp, a shopping list creator and advisor.   | <b>EDA PACK 2 LEARN &amp; PLAY.</b> Two disk pack, covers simple maths, painting programs, Word puzzles etc. £4.00 pack |
| <b>HOA10</b> SCALC, good workhorse of a spreadsheet  | <b>ADA1</b> THE GOLDEN FLEECE amazing text adventure, This is brand new and very deep. Superb                           |
| <b>HOA11</b> RIM, a superbly capable relational database   | <b>FF254</b> SLOT CARS, one and two player arcade action. UEDIT, the standard best text editor/processor.               |
| <b>FF314</b> A88K, a 68000 assembler. K & R "C", a C compiler  | <b>UTA1</b> ICONS for you to use, including NAUGHTY ICONS   |
| <b>FF315</b> AMIGAFOX, text processor with graphics capabilities   | <b>UTA3</b> DEMO CREATOR, create your own auto loading demo's   |
| <b>CLA1 &amp; 2</b> TWO DISKS of clip art for insertion in DTP etc. £4.00 pack.  | <b>UTA4</b> SID, the versatile WorkBench replacement.   |
| <b>BGA2</b> BACKGAMMON, YAHTZEE, MISSILE COMMAND. Excellent.   | <b>UTA5</b> The best of the PD COPIERS, but needs two drives.   |
| <b>BGA4</b> CRIBBAGE, OTHELLO, CLUEDO, and card patience games   | <b>UTA18</b> TUTORIAL DISK for CLI users. Learn all about it.   |
| <b>GGA25</b> PAC MAN This is excellent. Better than the original.  | <b>UTA20</b> QUICKCOPY, auto loading disk copier  |
| <b>GGA8</b> BLIZZARD excellent shoot-em-up. Good as £25 games.   | <b>UTA25</b> VIRUS X, the latest and best virus killer  |
| <b>GGA10/11</b> STAR TREK. On this is beautiful, superb game. Two disks. Needs 1 meg £4.00   | <b>PCA3</b> These are really beautiful pictures, by Boris Vallengo  |
| <b>GGA30</b> Lovely version of the Boulderdash Arcade Classic.   | <b>DMA4</b> REAL THINGS - Birds, lovely animated pictures of birds in flight  |
| <b>FF336</b> CAR, superb scrolling car racing game, similar to Super Sprint, but better  | <b>DMA14/15</b> TWO DISK DEMO, the very best. Deathstar mega demo. Runs fine on 500 £4.00.                              |
| <b>ATA3</b> DELUXE DRAW, lovely paint program. SPRITE MASTER, very good  | <b>DMA21</b> THE PROBE, lovely demonstration of Amiga's abilities.  |
| <b>EDA PACK1</b> EDUCATION PACK of 5 disks.  |   |

**SAME DAY DESPATCH. ALL DISKS £2.00 EACH, INC P&P.  
OVERSEAS ADD £1.50 TO TOTAL. SEND PAYMENT TO:**

**B-SOFT, 33 CORSHAM ROAD, CALCOT,  
READING, BERKS. RG3 5ZH**

**TEL: ORDERS + ENQUIRIES (0734) 416492.**

**SAE FOR FULL DESCRIPTION (STATE AMIGA OR ST)**







# Big Stars Hit the Amiga

Chart hits are to be transferred to Amiga disk for you to use with your own Music X or MIDI set-up.

**T**he big hits of the big stars, from Kylie Minogue and Madonna to Status Quo and Beethoven, are about to hit the Amiga. The *Hands On* series is a range of professionally-arranged sequences – in other words, whole compositions – licensed officially from the relevant record companies and including full lyric sheets.

They come in both Music X and MIDI file formats and 40-plus songs are available now with more in preparation. Prices per disk are £19.95 and each disk will contain either four chart hits or two classical pieces. Songs so far announced include Madonna's *Hanky Panky*, Black Box's *Ride on Time*, *Bad* and *Thriller* from Michael Jackson and Dire Straits' *Walk of Life*.

Island Digital have been appointed as the sole retail outlet for the *Hands On* series for the Amiga.

They are configured to run with Roland D-110 and MT-32 modules and hence the CPM 32, 32L and CPM 64 computer modules. It goes without saying that you can run them with any sound module, though.

You'll just need to fiddle about with voices, channels and drum note numbers to get them to sound right: your consolation is that the notes themselves are perfect. Roland have chosen to bundle the series in with their computer music packages aimed at Amiga users.

The concept of buying tunes on MIDI file has gained great popularity both on the continent and in America. *Hands On*, based in Hampshire and run by experienced arranger Dave Clackett, is one of only a few UK specialists in the field, using professional arrangers for the task. The first selection of tunes is available now.

Island Digital ☎ 0705 464704

The big-name acts whose tunes will hit the Amiga shortly after they reach the charts include: Neil Diamond, Billy Ocean, Kylie Minogue, Jackie Wilson, Lionel Ritchie, Status Quo, Whitney Houston, Michael Jackson, Roy Orbison, The Communards, Billy Joel, Wings, Bros and that goddess of the popular music scene, Madonna Ciccone.



Every once in a while I talk to American software houses, usually to find out what is going to become available – we like to get the news before it happens. In nearly all cases the software released in the States is identical to the stuff I load into my Amiga. So how come the big price differential?

For example, *Bars and Pipes* costs \$299 in the States which converts (at the going rate of \$1.95 to the pound) to £153 and The Blue Riband Bakery Co. (the software house) reliably informed me that it is usually available on discount for \$200 or less (which works out at £102). The asking price over here is £219.95.

Even allowing for good old VAT there is still a significant difference in the amount one has to dish out: 15% VAT brings the price to about £175 leaving an unexplained £40 or more that we have to fork out. This amounts to a 20% hike at full recommended price and, anyway, the retailer claims the VAT back. Shipping costs are minimal on this size of goods and there is no import duty payable on programs – termed as recorded data by HM Customs and Excise.

OK. There may be some justification in the cost of setting up after-sales service and helplines, but a piece of software would have to be pretty dire to need £40 per copy spent



## Scar-Strangled Software

Music Editor **JON BATES** muses on differences in price between software in America and over here.

on the trans-Atlantic telephone line trying to get the darn thing to work.

### SMALLER MARKET?

Other software imported from the States works out pretty much the same with 20% being the least difference and in one instance a massive 50% was added to the price. The clinching fact in this argument comes with a piece of European software that sells in the UK for £495 while its USA price works out to £385. Some common market policy!

There is the argument that the UK offers a smaller market and therefore unit costs may well be higher as less are going to be sold.

Fact 1. A quarter of the worlds' two million A500s happen to live in Britain thus providing the most ideal compact market of any country bar none. Fact 2. *Music X* sold more copies in the UK than in its home country – the United States, naturally. This was the exception to the rule of price differential as the price of £145 in the UK is actually considerably cheaper than the US price of \$299, even allowing for fluctuating exchange rates.

Me? I'm currently doing some serious sums with stand-by tickets to Boston central to the calculations. And yes, I do know that the States runs on 110 volts. Pass me that copy of *Which Transformer?*...



**FAST SERVICE** **ULTIMATE PD** **ONLY 99p EACH**

**DEMOS**

- D001 Walker 1 (1 meg)
- D002 Walker 2 (1 meg)
- D003 Walker 3 (1 meg)
- D004 Education of Cool Cougar (1 meg)
- D008 Donald Duck Animation
- D012 Rebels Megademo
- D014 Space Ace Demo
- D015 Ugly Mug goes for a spin
- D017 Ghost Pool ani (1 meg)
- D019 Avenger Mega Demo
- D023 Stealthy 2 ani (1 meg)
- D028 Budbrain Megademo (2 disks)
- D047 RAF Megademo (2 disks)
- D045 Arse Wipe Advert (XXX)
- D048 End of Century Megademo 2 (2 disks)
- D059 Red Sector Megademo (2 disks)
- D062 Red Sector Cebit 90
- D077 Good Morning Vietnam
- D078 Kefrens Demo
- D082 Monty Python "Nudge Nudge" (2 disks)

**MUSIC**

- M011 DMob Music 2
- M012 DMob Music 4 (2 disks)
- M013 Enemies Music 3
- M018 1 Pec Elite Disco Fever
- M022 Amiga Chart Mix 3
- M026 Amiga Chart Mix 5
- M029 DMob Music 3
- M031 Popeye Meets the Beach Boys
- M033 Derek & Clive Live (2 disks)
- M034 Annie Total Remix (2 disks)
- M035 Digital Concert 2
- M036 Digital Concert 3
- M037 Digital Concert 4
- M038 Digital Concert 5
- M039 Digital Concert 6
- M040 RAF Mega Mix 1
- M055 Get Up

**UTILITIES**

- U001 Studio Rippers
- U002 UEdit
- U012 Mega Utils Disk
- U014 Flexi Base
- U017 Boot Writer
- U018 North C

**Please add 50p P&P to total** **AMIGA ONLY**

Free Catalogue with every order: Hundreds of disks in stock, please make all cheques payable to P. A Cannon. Send all orders to: Ultimate PD, 44 Festiniog Road, Gabalfa, Cardiff CF4 2QS

**Lorenzo's Domain**  
**Amiga P.D. & Shareware**

**OUT NOW NEW MEGA MAGAZINE/CATALOGUE DISK**  
**Free with every order or 75p without order**

**PD TITLES**

- 135 Digital Concert by Flash Productions. Their latest mix.
- 138 Sound of Silents. A collection of great songs from the Silents.
- 141 Omob Music 3. Definitely their best mix so far.
- 145 The Kefrens Jukebox. 8 excellent songs with Jukebox loader.
- 158 The Crusaders music disk. Oct 90. Some well wicked new songs.
- 160 Glidescope 4 by Cryptic. The latest excellent Glidescope disk.
- 222 Budbrain Megademo (X). (2 disks). One of the best this year.
- 247 Cronics Neverwhere. (1 meg). This one deserves to be called MEGA.
- 248 Cronics Megademo. Only 3-parts but all are outstanding.
- 250 Brainstorm Megademo. (2 disks).
- 254 No Brain No Pain. (2 disks). Cool Megademo from Flash Productions.
- 255 The Motola Halloween Conference Demos. 4 wicked demo winners.
- 256 Compussylation 100. Collection of cool demos from Pussy.
- 257 Turtle Power Demo.
- 321 The Ripped Picture Show. Selection of familiar screenshots.
- 322 Agatron Slideshow 8. Reflections Ray Traced Slideshow. Brilliant.
- 323 Future Visions Slideshow by Fraxion. More great fantasy artwork.
- 324 The Star Trek Slideshow By Hellraiser. Digitised Trek photos.
- 432 Donald Duck Animation. (1 meg). Fantastic Disney Reproduction.
- 435 Dragons Lair 2. Time Warp. Brilliant demo for new game.

**AMIGA GAMES**

- Indianapolis 500.....£19.99
- The Spy Who Loved Me.....£19.99
- Cadaver.....£19.99
- James Pond.....£19.99
- Badlands.....£15.99
- Rick Dangerous 2.....£19.99
- Powermonger.....£24.99
- Populous.....£19.99
- Corporation.....£19.99
- Kick Off 2.....£19.99
- Shadow of the Beast 2.....£27.95
- Wings.....£23.99
- Midnight Resistance.....£19.99
- Shadow Warriors.....£19.99
- F-29 Retaliator.....£19.99
- Lost Patrol.....£19.99
- Days of Thunder.....£19.99
- Operation Stealth.....£19.99
- Turkian.....£15.99
- Battle of Britain.....£23.99
- AMOS.....£39.99
- Mchwinter.....£23.99
- Shadow of the Beast.....£27.95
- BSS Jane Seymour.....£19.99
- Battlemaster.....£23.99
- Imperium.....£19.99
- The Immortal.....£19.99
- Back to the Future 2.....£19.99
- Gremlins 2.....£19.99
- Heroes.....£24.99
- A500 1/2 Meg upgrades.....£34.95
- A500 1/2 Meg upgrades with clock.....£39.95
- A500 1 1/2 Meg upgrade.....£129.95
- External Disk Drives.....£79.95
- Replacement PSU.....£45.95
- Stereo Sound Systems.....£35.95
- Datalink (Null Modem) Cables.....£5.95



**ONE PD DISK FREE WITH EVERY 10 ORDERED**

No membership. FREE catalogue with every order. When you choose from Lorenzo's Domain you can be sure of getting the best VIRUS FREE P.D. around. We aim to have your order back in the post within 2 hours. Delivery on PD disks 50p on total order. Delivery on other items £1.50 on total order. Send your order with a cheque or P.O. to:

**LORENZO'S DOMAIN**  
**30 COLQUHOUN SQUARE, HELENSBURGH, G84 8AQ**

**E.M.P.D.L**

**AMIGA/ST P.D. LIBRARY. OPEN 7 DAYS 9am - 9pm**

- E.M.P.D.L. STARTER PACK.** A 3 disk collection of the most useful utilities inc. Database, Word Processors, Spreadsheet, Spelling Checker etc.
- STAR TREK.** The 2 disk game reviewed by Amiga Format.
- FISH GAMES.** A 5 disk collection of the latest games from Fred Fish.
- TBAG GAMES.** 1 disk with eight of the best games from the latest TBAG disks.
- THE GOLDEN FLEECE.** Excellent text adventure.
- THE HOLY GRAIL.** Another excellent text adventure.
- T.V. GRAPHICS.** A 2 disk set of backgrounds and fonts for video enthusiasts.
- VIDEO APPLICATIONS.** A 2 disk set of video utilities to accompany T.V. Graphics.
- GRAPHICS MANAGEMENT.** 2 disk set of graphics utilities.
- ZC.** A "C" compiler based on the ST Sozobon C compiler. Fully functional complete with linker, assembler etc.
- "C" MANUAL.** 3 disks. Complete C manual. Over 200 pages plus 70 examples
- MOBED.** Moveable sprites editor.
- DEVILS KEY.** A 3 disk megademo to end all demos. The very best.
- BLACK BOX.** Ride on time demo.
- POPEYE MEETS THE BEACHBOYS.** Brilliant demo.
- AMIGA EDUCATION SET.** A 5 disk collection of Educational programs. Including Evolution, World Geography, Languages, Metric Conversion, Weather Forecast etc.
- KYLIE MINOGUE.** 2 disk demo
- VANGELIS.** 1 Meg Demo
- MICHAEL JACKSON.** Bad demo
- MICHAEL JACKSON Smooth Criminal Demo**
- LEARN AND PLAY.** 2 disk set of programs for the children. Includes: Simple maths, Word Puzzles, a simple painting program etc.
- CLIP-ART.** A new 3 disk collection of excellent clip art in IFF format.
- FLEXI-BASE.** The most useable database for the Amiga.
- UTILITY DISK SET.** 10 disk set of the most useful utilities. Over 200 most having full documentation.

All our disks are virus free and despatched by first class post on day of receipt at the inclusive price of £2.50 per disk.

Send now for disk catalogue giving details of over 1600 disks. Only £1.00 refundable on first order, stating clearly the make of computer.

Cheques & P.O.'s payable to:

**E.M.P.D.L.**

**54 WATNALL ROAD,**  
**HUCKNALL, NOTTINGHAM, NG15 7LE.**  
**0602 630071**



**Senator PD**

The only PD Library to use SONY disks exclusively, do you settle for less??

All disks only **£1.99** including first class postage.

- AMOS v1.21 update, includes RAMOS v1.21 the PD AMOS programming package!!
- AMOS Demo: Arc Angel #3, superb illustration of the capabilities of AMOS. (Ooer.)
- FLASCHBIER II: Werner continues his frantic antics, now edit the levels yourself.
- CAR. A2-D, full screen, scrolling racing game with four channel sound!! (Fnarr, fnarr)
- MED v2.13: Music Editor with MIDI input facility, comes with extensive documentation.
- VIRUS X v4.01: Latest version of the best known Virus Killer, runs with A590s!!

1991 Disk Catalogue available at only 99p, a snip indeed.  
January Sale Offer: Cortex 1/2 meg expansion/disable switch/low power without clock - only - £32.95 inc. VAT + 50p p&p.

With clock £36.95 inc. VAT + 50p p&p.

**BLANK SONY DISKS 10 for £8.99!!** incl. postage  
(PIN numbered, guaranteed 100% error free, with labels, snurk, snurk....)  
*Whisper, whisper... Happy New Year!!!!*

Cheques/POs payable to:

**Senator PD, 73 Ilford Avenue,**  
**Cramlington, Northumberland, NE23 9LE.**

- SWD** Prices 1-5.....£1.00
- PD** 6-20.....£0.90
- 21+.....£0.80

**BLANK DISKS 40p EACH INC LABELS**

**SIX OF THE BEST**

- YELP - PAINT GAME**
- JOE SLIDE SHOW 2**
- MILLER LIGHT TV AD**

- FRAXION HORROR**
- VISION MEGA DEMO 4**
- FLASH DIGI CONCERT 5**

Full list with order or write. Send cheques POs to:

**SWD PD** 27 Axwell Terrace, Swalwell,  
**Newcastle Upon Tyne, NE16 3JS**





**LEFT: This is the main screen, with which you are confronted when you first boot up the program. All the functions are available via simple buttons.**

Sadly none of the patterns or, indeed, instruments created can be named, except when you load and save them as disk files, and the name doesn't appear anywhere on the screen. I found myself sketching a song on paper so that the patterns came in at the right point.

#### Making Waves

Two other screens complete Mugicians' facets, namely Waveform and Sample editing. The Waveform creation is possible the most detailed and flexible I have come across with a choice of 32 waveforms to choose from. These can be manipulated with

It's new, it's cheap and it can make music using just the sound capabilities of your Amiga. But does it really do anything that's new? **JON BATES** finds out.

# Mugician

Soundchip Tune Creator ■ £29.99 ■ Thalamus 0734 81726

**M**ugician is a self-contained Paula-playing sequencer that is also capable of manipulating and creating its own waveforms. In other words, you can create tunes and play them back using just your Amiga and you can create sounds for your tunes to use.

It follows on the lines of *Soundtracker* in that you have a series of patterns that are then ordered into a song by a master song sequencer. One of its distinct features is that you can play the notes in directly from the Qwerty keyboard into each pattern.

On booting up you get the main song sequencer which plays a suitably virtuosic demo tune. More are available but, sadly, when asked to load them, the whole thing locked up – the only time the software failed on test, incidentally.

#### A La Carte

*Mugician* doesn't have menus: you jump from screen to screen by icons and your first port of call should be the pattern editor. The pattern editor can hold up to 64 steps, each step being the same length, and they are arranged in a table with editing, speed and instrument controls arranged around it.

To get the correct rhythm you leave gaps. You pick the instrument number you want, then hit edit and play simultaneously. You are now able to play the phrase and hopefully the program will record it perfectly.

One or two problems here. Although there is a quantize option that rounds up what you play to the



**ABOVE: Click on the Load button to load in your first tune. Don't try this at home, though, because the demo tunes are the only place the program locks up: otherwise, the software is perfectly solid!**

nearest number of steps (full marks, guys!) there is no metronome or beat indicator. Your first pattern will come out sounding slightly strange.

To alter the speed you either have to return to the main song page or insert a speed command at the top of the pattern. The manual doesn't make this very clear although it points out that neither quantize or speed values concur with usual music values.

#### Hearing Voices

The good points are that you can play many different voices from within one pattern very easily. Each note can also have an effect applied to it and the choice of effects you have is both wide and useful.

Effects like pitchbend, note wander (bending up to the next note), altering the speed or picking one of the seven arpeggios all go to simplify the task of getting more from the notes, since each effect can be chosen for any note. You can also specify the length of the pattern and hence its loop point.

some smart routines that affect the length of the waveform, the volume and rate of volume of the wave form, pitch, fine tune and pitch envelope.

Not only that but you can superimpose them onto sound samples, use them to alter sound samples and add special effects, all 15 of them, that mix and blend different waveforms or samples. If this is not enough you can also draw your own waveforms and spend ages creating the most outrageous sounds.

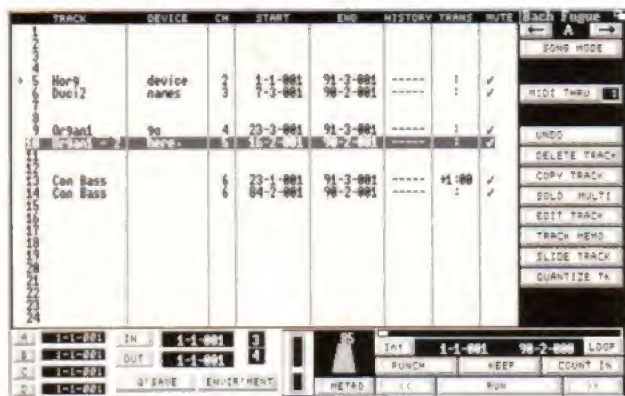
The sample editor has a wealth of controls for sound manipulation with all the usual looping, cut and paste, pitch shift, filtering and reverse that are standard for this sort of facility.

#### MIDI Connection

*Mugician* accepts MIDI note commands inwards and can play up to four separate samples on different MIDI channels. You can only play one note on each channel and, as you might expect, it doesn't recognise pitchbend or velocity commands. Thoughtfully, though, you can change the sounds by using commands which will turn your Amiga into a tone module. You could run this from any MIDI keyboard and indeed any MIDI instrument with a built-in sequencer.

Although it has its peculiarities, *Mugician* is certainly excellent value for money and is a very powerful music programmer that should be part of any programmer's armoury: the serious programmer's secret weapon, but not for the newcomer to music and the Amiga. As it stands it gives a great set of musical tools to the expert for a very moderate price.





deleting tracks was not a default. However you can set these up for later use as part of an 'environment' which also includes track names for specific channels, time display (SMPTE or bars), MIDI metronome, count-in and sync options.

All numerical values are altering by clicking on the appropriate window and moving the mouse backwards or forwards; quite a quick way to do it unless you need to change a value from 0 to 127 in which case you use the mouse like a toy friction car!

humanise or capture. In a similar fashion the velocity of any track can be scaled up or down or fixed.

**Bulding Sonds and Editing**

Harmoni is not just restricted to 24 tracks. There are three more screens each with 24 tracks. These are labelled A B C D and are flipped over from the main screen. Each new page needs a separate file on disk but it should be noticed that you cannot run the pages concurrently, only one after another.

Is she wearing hairspray? Is the market ready for another MIDI sequencer, even a very cheap one? These questions and more are answered by **JON BATES**.

# Harmoni

MIDI Sequencer ■ £49.99 ■ The Disc Company ■ 010 331 4910 9995

In a copious and well-planned manual you find that *Harmoni* can perform many functions: regional and global editing, track looping, MIDI filtering, track sliding to create delay effects, quantize options, event editing, punch in and out, merge and de-merge plus neat effects like arpeggiate and note reversal. Everything runs from the one main screen which uses overlays for different functions.

Oddly enough, when I booted it up it didn't default to some features; the count-in didn't work because it hadn't set itself up and the safety net function which brings up query boxes before committing major acts like

**TOP: Main screen:** The sequencer with some of the 24 tracks filled. Controls for most common operations are situated to the far right and below'

**BELOW: Song screen:** Here's where you list and chain together the 4 sequencer pages in up to 72 steps'

**BOTTOM: Event screen:** The event editor only uses a numeric stream. Although every short cut is there to help you, it is still a slow way of doing it.

**On the Track**

The 24 tracks show you what device/instrument you are using, the channel it was recorded on, the counter number that it starts on stops on, the history and also transposition, plus a memo pad for each track to carry additional information.

Copying tracks is very easy, just click and point. You can mute or solo any track and most of the things that you would want to do quickly are either on a series of screen buttons situated on the right or on one of the drop-down menus. I liked the idea of a quick save option. Once you have set up the initial files you can clout this button any time which saves the latest version of your music without the need for a file window.

There is no record button as such. You hit Run and this will play back anything that isn't muted as well as letting you input notes. The new data goes into a storage buffer: you then highlight the track you want to store it on and hit 'Keep'. The MIDI channel is changed by the Thru box for each overdub and all is very easy to use. There is an undo function which will negate the last process.

The four sequences are assembled in the 72-stage song mode and played in order of appearance in the list. It did seem, though, that you can only have four main sequences, which might be a bit limiting. The final order of sequences is saved as a Song file.

Editing is by data stream, not my favourite as it takes a lot of time to sort out details which are far better displayed graphically. To be fair, *Harmoni* tries to make editing as easy as possible with handy insert buttons. You can quickly set up regions to copy, paste and insert or delete and any value can be zeroed rapidly.

Oddly enough, the event editor didn't appear to display channel pressure (aftertouch) although it will edit and insert this data. Its main problem is that you can't play back the sequence whilst editing.

As to the effects, these are created in the main track page and they are: arpeggio, which turns chords into note by note broken chords, note reversal and a note inverter which plays phrases in mirror image the other side of a pre-set fixed point. All good stuff on the creative side.

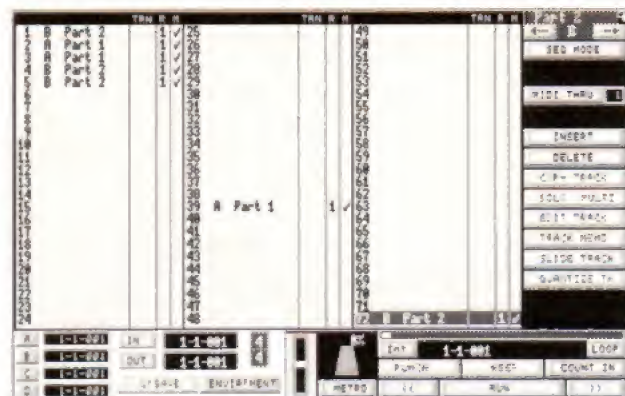
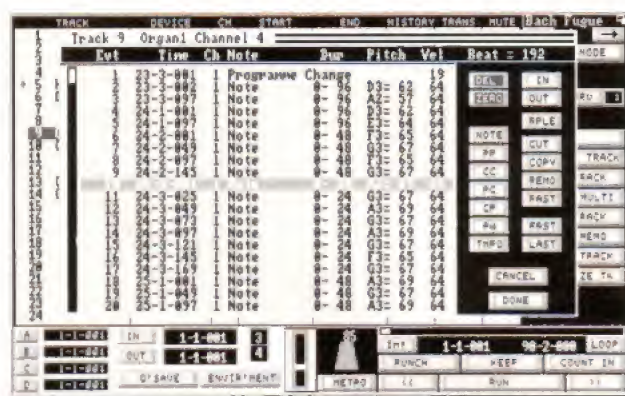
**Conclusion**

Generally the program is good and, while not offering you the earth, is nevertheless successful and excellent value for money, with no competition in its price range. The strong points are ease of use, helpful features not found on budget software and a good song chaining function. Its weaknesses are the lack of graphic editing and the rather basic quantize functions. If you want to know more, try the Paris phone number above between 1pm and 5pm and ask for the Technical Support department, who speak perfect English.

**Fun With Loops**

There are eight auto-locate positions - four visible and four hidden under function keys - for jumping around within any sequence and a loop feature, which is rather limited as it can only loop a whole sequence globally from the length of its longest track. You can punch in and out of any track and replace sections by using the locators below the track listing.

Usefully, quantize is on this main page but its cupboard is rather bare as it is restricted to note on, duration or both with no refinements like





# MONUMENTAL MUSIC

Unit 30, Pier Road Industrial Estate,  
Gillingham, Kent ME7 1RZ. 0634 280680

## AMIGA PRICES:

Amiga 500 - "Screen Gems Pack".....	£349.95
1/2 meg boards - including clock + switch.....	£35.00
3.5" External "Power Drive".....	£69.95
Mini Interface - High Quality.....	£24.95

## MUSIC PRICES:

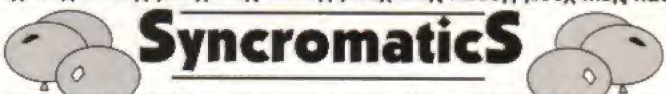
Music X V11 New low price!!!.....	£59.95
Gajits Sequencer One - 32TRK (use with unexpanded Amiga).....	£74.95
Gajits 40 companion (Roland Keyboard Editor).....	£79.95
Amas Sampler - Midi hardware/software.....	£74.95
"Monumental" Samples - vol 1-60 drum samples (IFF).....	£6.95
"Monumental" Samples - vol 2 & 3 + "Life Sounds" + birds + insects.....	£6.95 each
Club sequencer membership - full 12 months/12 issues on disk/cassette + more!!!.....	£25.00

## NEW YEAR SPECIALS:

A) Music X V11 + i meg with clock.....	£89.95
B) Amiga 500 "Screen Gems" + i meg with clock.....	£369.95
C) Expand your Amiga 500 to 2.5 megs.....	£149.95
D) Music X Tutorial - One hour cassette - Learn with pro's.....	£9.95

## CLUB SEQUENCE:

A must for Amiga sequencer users. Specialising in Music X. We offer on-line help, monthly news/tips, access to over 500 tracks on Music X + other formats, sample disks, drum tracks etc. Members also enjoy Midi File Song, transferred to fully produced cassette - all done at our in-house studio. Call us now or send SAE for details. Prices inclusive - postage paid



# SyncromaticS

<b>ANIMATION/GFX</b> E. Leaves Dock A-06 Real 3D A-30 Indiana Jones A-23	<b>WOT'SIS?</b> <h1>80p</h1> <b>Per Disk!</b>	<b>ENTERTAINMENT</b> Budbrain E-19 E-20 COMA E-17 Kefrens Mega 8 E-18 Mental Hangover E-16
---	---	--

**USEFUL UTILITIES**  
 North C Compiler U-15  
 JazzBench U-16  
 T.V GFX U-29  
 Wordwright U-25

S.A.E £1.50 SAE - (n)

Please add 50p to total order to cover postage.  
The price plummet CONTINUES!  
All cheques/PO's make payable to SyncromaticS  
The above are a few disks from our collection

Send SAE for FREE catalogue to:  
 12 Meadway, Haslemere, Surrey, GU27 1NW

Happy New Year! Happy New Year! Happy New Year! Happy New Year!



**MEL CROUCHER**  
- COMPUTER  
Full Line  
0898 299 399  
3 mins of mind  
blowing entertainment



**THE HOTTEST**  
GAMES  
SECRETS  
0898 299 388



**TONY TAKOUSHI**  
CONSOLE LINE  
0898 299 390  
Games tips  
news-gossip

Proprietor: B. Everiss, PO. Box 71, Nuneaton, Warwick, CV15 0XA.

# LIVE IN LEEDS? WE HAVE MOVED!

Our regular customers know we offer unbeatable advice, service and deals on all things Amiga. NOW in our new city-centre superstore, we offer even more! If you thought all computer stores were the same, then visit us - we know you'll be impressed!

### HARDWARE SUPER DEALS

Screen Gems.....	£369.00
Screen Gems, 1 Meg.....	£399.00
B 2000 40 Meg H/Drive.....	£1,299.00
A5 90 H/D.....	£285.00
A5 90 2 Meg.....	£380.00
1/2 Meg expansion with clock.....	£39.00
Philips 8833 MK II.....	£249.00
Philips AV 7300 TV Tuner.....	£69.00
Cortex Expansion.....	IN STOCK
Amiga 1500.....	£1064.00
Vortex At Once.....	£199.00
Cumana Cax 354.....	£74.00

### SOFTWARE

IF IT'S GOOD, WE STOCK IT! HERE'S A SELECTION

DP III.....	£69.00	Superbase II.....	£69.00
Delux Video.....	£69.00	Digicalc.....	£32.00
Fantavision.....	£29.00	Home Accounts.....	£25.00
TV Text Prof.....	£119.00	System 3.....	£39.00
Amos.....	£43.00	Protex 5.....	£199.00
Hi Soft Basic.....	£64.00	Pagesetter 2.....	£53.00
Lattice CVS.....	£189.00	Pagestream 2.....	£175.00

### PRINTERS AND SCANNERS

Star LC10.....	£159.00
Star LC10 II.....	£189.00
Star LC200 Colour.....	£209.00
Star LC24 200.....	£259.00
Star LC24 200 Colour.....	£299.00
Citizen Swift 24.....	£299.00
Colour upgrade for above.....	£34.00
Canon BJ10E Bubble Jet - Laser Quality.....	£329.00
Atari Laser Printer.....	CALL

### MUSIC

WE ARE ONE OF THE U.K.'S TOP COMPUTER MUSIC DEALERS AND STOCK NOT ONLY SOFTWARE BUT KEYBOARDS TOO! CALL IN FOR ADVICE OR DROP IN FOR A DEMO. BEST PRICES GUARANTEED!!

All prices correct at going to press. All prices include VAT and postage (COURIER £6). Cheques made payable to MIDITECH. All goods checked before departure. We are open Mon-Sat, 9-6. Late Thursday till 8. Est 1988.

## MIDITECH

\* 54, The Balcony, Merrion Centre, Leeds 2 \*  
Tel (0532) 446520  
ACCESS AND VISA WELCOME



# LOWEST PRICED PD IN THE WORLD? CHRISTMAS SPECIALS

THE FOLLOWING DEMO DISKS ARE ON OFFER FOR AN  
AMAZING 50p PER DISK - THIS MONTH ONLY!

Dragons Mega Demo	Rebels Megablast	Warfalcons Purple
Intuition Mega Demo	CeBit 90	Crusaders Hotwired
Upfront Mega Demo	Rebels Megablast	Danish Know How
Cronics Neverwhere	Silents Mega Demo	Silents Tropical Sunset
Mirage Mega Demo	Alcatraz Mega (3)	RSI Mega Demo (2)
Captain Imagination	Chromium	Anarchy Smokers Comp

THE FOLLOWING DISKS ARE ON OFFER AT 75p PER DISK

Moria (RPG)*	Power Musix II	Underwear Comp	The Run Anim*
Power Surge Music	Jarre Concerts	Wild Copper	Trip to Mars Anim
DBW Render	Jeopardy	Battleforce	Fractal Flight
Walker Demo I*	Direct Action*	Tennis*	Darkstar Utills 6
Walker Demo II*	Hanky Panky	ARP 1.3	Raiders Anim
Busy Bee Anim*	Learn & Play (2)	Larn RPG	ESA Utilities I
NorthC	MED 2.12	Audio Utills	BASIC Compiler
RIM Database	Video Tools (2)	Bilzzard	Golem Slideshow
D-Copy V0.99	Education Pack(5)	Technotronic	Darkstar Utills 4
Digital Concert 6	Fillet the Fish	Flaschbier	Darkstar Utills 2
Steady II	JamTracker	Nudge Nudge (2)	Pendle Utills 6
Future Synthetix Music	Tetracopy	Pacman 87	Pendle Utills 7
Sound of Silents	100 C64 Songs	Crusaders Music	Timex Music
Nightbreed Slideshow	Clip Art (3)	DJ Disco Leif 2	Pharoah Anim*

PLUS HUNDREDS MORE FOR UNDER £1  
SEND AN SAE FOR A PRINTED LIST

OFFER ENDS 1 FEBRUARY 1991

\*Indicates 1 Meg. Numbers in brackets indicate number of disks  
Same day despatch for orders received before 4:00pm

FISH, AMICUS, TBAG AND AGATRON COLLECTIONS ALSO AVAILABLE  
SEE OUR THREE DISK CATALOGUE PACK FOR DETAILS - ONLY £2

CHRISTMAS SPECIALS SUBJECT TO MINIMUM ORDER OF £3.00  
OVER FOUR YEARS AMIGA EXPERIENCE  
Postage and packing FREE  
Over 800 disks in stock plus FREE ordering service  
Credit card orders are subject to a minimum  
order of £5.00 due to bank restrictions

(Dept AFB), 30 Parsons St, Banbury, Oxon OX16 8LY  
Tel:0295 262029 Fax:0295 275044 BBS:0295 275045

## THE AMIGA MUSIC MATRIX

A disk magazine for the Amiga Musician.

Issue One has Sampled Sounds from the Korg M1 in IFF Format and 8 Trak Soundtracker Software

Issue Two with original sequences and samples for MUSIC X and OKTALYZER MIDI System Exclusive Dumps for the D10/D20/D110 - 256 new voices for all these instruments.

Also each issue has tutorials on MIDI, Music and using Amiga Basic for music playing/teaching

Both issues available now price £10 each or you may subscribe for four issues for only £35

New 500 voices for Korg M1 £30

New PD Catalogue disk now available only £2

NEW: 500+ Voices for KAWAI: K1/r/m only £30

Bulk blank disks guaranteed D/S £6.00 for 10

Phone for further details 0592 714887 or write to:



THE MUSIC MATRIX  
14 MAIN STREET,  
EAST WEMYSS KY1 4RU



## NO MORE HASSLES! THOSE HARD TO CAPTURE SOUNDS CAPTURED

CAPTURED SOUNDS

Each volume consists of two disks for music Riffs, three disks for sound effects, two disks for instruments. All files are stored in IFF format

FOR ONLY £9.99 inc VAT & P+P

CATALOGUE AVAILABLE ON REQUEST.

PLEASE INCLUDE S.A.E

### + SOUND EFFECTS +

Professional CD  
Quality Sampled  
Sounds for use with Amos,  
Animation Studio,  
Fantavision etc. or for use  
with your own programs

AVAILABLE NOW  
HORROR PACK  
VOLUME 1.1

Some of the sounds  
captured: werewolves,  
Jockals, Creaky Doors  
& more

### + MUSIC RIFFS +

This compilation of dance  
rhythms is perfect for use  
with sample sequencers  
such as Master Sounds,  
Music X, Sonix, etc. A vital  
collection for budding  
musicians

Please make  
cheques/P.O.s payable  
to: MARK BRISCOE  
CYBER SYTEMS,  
30 CLAVERDALE ROAD,  
TULSE HILL,  
LONDON SW2 2DP

### + INSTRUMENTS +

Ever wanted to have a  
professional synthesiser?  
You can with  
captured sounds.  
In conjunction with  
music software  
such as Quartet,  
Sonix, Sound  
Tracker etc.  
you already own  
a powerful  
synthesiser.

# SOFTMACHINE

A3000  
Now in stock  
Phone for prices

B2000  
SPECIAL OFFERS  
Phone for prices

## AMIGA HARDWARE

**A500 SCREEN GEMS**  
Back to the Future II  
Days of Thunder  
Shadow of the Beast II  
Nightbreed  
Deluxe Paint II  
£369.99

**A500 FIRST STEPS**  
A501 Ram Expansion  
Mouse Mat  
Deluxe Paint II & Deluxe Print II  
Promies 2.5  
Info File  
10 blank disks  
Music Master  
Talking Turtle  
Amiga Logo  
BBC Emulator  
Lets Spell At Home  
£539.99

**AMIGA 1500**  
A1500 with 1Mb Ram  
1084S Monitor  
Platinum Works Deluxe Paint III  
Populous, Sim City  
Battle Chess, Their Finest Hour  
A-Z of Computer Jargon  
Getting the Most from your Amiga  
£1064.99

**SOFTMACHINE POWER PACK**  
Datatorm, Dungeon Quest  
E-Motion, Grand Monster Slam  
Kid Gloves, Power Play  
RUF Honda, Shuffle Puck Cafe  
Tower of Babel  
Microgrose Soccer  
Only £25\*

**SOFTMACHINE STARTER PACK**  
Deluxe Mouse Mat  
Tailored Dust Cover  
Drive Head CLEANER  
10 TDK MF2DD Disks  
80 Cap Lockable Storage Box  
Only £20\*

## PERIPHERALS

A500 Class of the 90's... £539.99  
1084S Colour Monitor £259.99  
A1011 Disk Drive £89.99  
A590 20Mb Hard Drive £279.99  
A501 Ram Exp/Clock £59.99  
A520 Modulator £24.99  
A1352 Mouse £34.99

Philips 8833 Mk II Monitor £244.99  
Star LC-10 £154.99  
Star LC-24-10 £204.99  
Star LC-200 £214.99  
Star LC-24-200 £249.99  
Star LC-24-200 Colour £294.99  
Cumana 1Mb 3.5" Drive £69.99  
Cumana 5.25" Drive £119.99  
0.5 Mb Ram Exp/Clock £39.99  
Hitachi Camera + lens £219.99  
Digiview 4 £112.50  
Vid Amiga £97.50  
Type 2 Handy Scanner £104.99  
Type 10 Handy Scanner £204.99  
Mingon £97.50  
Rendale 8802 Genlock £187.50  
Cherry A3 Tablet £479.99  
Podscat 12" x 12" tablet £196.99  
Designer Modem £104.99  
Linnit Modem £149.99  
Linnit 1200 Modem £234.99  
Linnit 2400 Modem £374.99  
Midi 4000 Modem £164.99  
Midi Master Interface £29.99  
AT Once Amiga £174.99  
A.M.A.S. £79.99  
FutureSound £74.99  
Mastersound £34.99  
Perfect Sound £49.99  
Contriver Mouse £22.50  
Optical Mouse £34.99  
10 x Sony Bulk 3.5" £5.99  
10 x Sony MF2DD DD £10.99  
10 x TDK MF2DD 3.5" £11.99  
3.5" 40 Cap Lockable Box £5.99  
3.5" 80 Cap Lockable Box £7.99  
3.5" 150 Cap Posso Box £19.99

## BOOKS

Adv Amiga Basic £18.95  
\* Adv Sys Prog Guide £32.45  
\* 3D Graph Prog Basic £18.45  
Amiga Applications £16.95  
\* Assem Lang Prog £14.45  
Amiga Basic Inside & Out £18.95  
Amiga C for Adv Prog £32.45  
Amiga C for Beginners £18.45  
Amiga DOS £14.95  
Amiga DOS Inside & Out £18.45  
Amiga DOS Quick Ref £8.95  
Amiga DOS Ref. Gde £14.95  
Amiga Desktop Video £18.45  
Amiga Desktop Video Gde £18.45  
\* Disk Drives Inside & Out £27.95  
Amiga for Beginners £12.95  
\* Gde Gra/Sound/Comm £17.45  
Amiga Gra. Inside & Out £32.45  
\* Hardware Ref. Man. £21.95  
Amiga Mach Lang Guide £21.95  
Amiga Machine Lang £14.95  
\* Microsoft Bas. Prog. Gde £18.45  
\* Prog Handbook Vol 1 £24.95  
\* Prog Handbook Vol 2 £23.95  
Amiga Prog Gde Compute £17.45  
Amiga Prog Gde Weber £20.45  
\* ROM Kernel Ref. Man Inc £28.95  
\* ROM Kernel Ref. Man £29.95  
Amiga Sys Prog Guide £32.95  
Amiga Tricks and Tips £14.95  
Becoming an Amiga Artist £18.45  
Beginners guide to Amiga £16.95  
Computes 1st Book of \* £16.95  
Computes 2nd Book of \* £16.95  
Elementary Amiga Basic £14.95  
Inside Amiga Graphics £16.95  
Inside the Amiga with C £24.50  
Kids & the Amiga £15.95  
Mapping the Amiga £20.95  
Prog Guide to Amiga £23.95  
\* Indicates Amiga in Title

## WORD PROCESSING

Excellence 2 £94.95  
Kind Words 2 £35.95  
Pen Pal £104.95  
Protect V5 £102.50  
Pro Write V3 £102.50  
Scribble Platinum £41.50  
Transwrite Ring £39.95  
Word Perfect £176.95

## DATABASES

Acquisition 1.3 £169.95  
K-Data £34.95  
Prodata £56.95  
Superbase Personal £27.95  
Superbase Personal 2 £69.95  
Superbase Professional £169.95

## SPREADSHEETS

Advantage £79.95  
DG Calc £27.95  
K-Spread 2 £42.50  
Superplan £69.95

## LANGUAGES/COMPILERS/ETC

AMOS £35.95  
A-Rexx £32.50  
Argasm £42.50  
Aztac C Developer £199.95  
Aztac C Professional £112.95  
Benchmark Modula 2 £137.50  
Benchmark Libraries £72.50  
Devpac 2 £43.50  
GFA Basic V3.5 Compiler £22.95  
GFA Basic V3.5 Interpreter £39.95  
Hisoft Basic £56.95  
Hisoft Extend £15.95  
K Saka Assembler £34.95  
Lattice C V5 £174.95  
Lattice C V4 £259.95

## SOFTWARE

### UTILITES

B.A.D. £32.50  
B.B.C. Emulator £39.95  
Calligrapher £67.95  
Diskmaster £39.95  
Cross Dos V4 £28.95  
Dos 2 Dos £29.95  
Gomi V3 £27.95  
Interchange £39.95  
Kara Fonts £46.95  
Masterpiece Fonts £137.50  
Power Windows V2.5 £34.95  
Quarterback £39.95  
Superback £41.95  
X-Copy Professional £36.95

### CAD/GRAPHICS/ANIMATION

3D Professional £229.95  
Animagic £54.95  
Can do £101.95  
Comic Setter £39.95  
Comic Setter Clip Art £17.50  
Deluxe Paint III £59.95  
Deluxe Photolab £54.95  
Deluxe Print II £36.95  
Deluxe Video III £74.95  
Design 3D £62.95  
Digi Paint 3 £54.95  
Digmata 3 (needs A-Rexx) £33.95  
Disney Anim Studio RING £29.95  
Fantavision £32.50  
IntroCAD Plus £81.50  
Movie Setter £39.95  
Page Flipper + F.X. £69.95  
Page Renderer 3D £81.50  
Photo Paint 2 £29.95  
PIXmate £39.95  
Professional Draw V2 £104.95  
Pro Video Plus £193.50  
The Director £47.50  
The Director's Toolkit £27.50  
TV Show V2 £57.50  
TV Text Prof. £104.95  
Video Generic Master £54.95

Video Tifer 3D V1.5 £81.95  
Video Wipe Master £54.95  
X-CAD Designer £86.95  
Zoetrope £74.95

## DESK TOP PUBLISHING

Gold Disk Office £104.95  
Pagesetter V2 £49.95  
Pagestream V2 £142.50  
Professional Page £159.95  
PP Outline fonts £104.95  
GD Type - Decorative £32.50  
GD Type - Designer £32.50  
GD Type - Publisher £32.50  
GD Type - Video £32.50  
PP Structured Clip Art £35.95  
PP Templates £35.95  
Proclips £20.95

## MUSIC

Audio Master 3 £57.50  
Bars and Pipes £184.95  
Deluxe Music £54.95  
Dr Ts Copiest App £72.95  
Dr Ts Copiest DTP £184.95  
Dr Ts KCS £154.95  
Dr Ts KCS Level 2 £229.95  
Dr Ts MRS £47.95  
Dr Ts Tiger Club £79.95  
Music X V1.1 £89.95  
Pro 24 £265.95  
Quartet £35.95  
Sonix £49.95

## COMMUNICATIONS

BBS PC £97.50  
GP Term £57.50  
K-Comm 2 £34.95  
Ruby Comm £54.95

## ACCOUNTS

Cashbook Combo £49.50  
Cashbook Controller £34.95  
Final Accounts £21.95  
Home Accounts £21.95  
Personal Finance Manager £24.95  
Small Business Acc. Cash £56.50  
Small Business Acc. Xtra £79.95  
Small Business Acc. Plus £156.50  
System 3 £34.95

Please ring for prices/availability on any hardware/software/peripherals not listed. (Full price list on request)

Please make cheques/postal orders payable to SOFTMACHINE. All items subject to availability  
All prices include V.A.T. & UK Delivery. All prices subject to change without notice. E.&O.E



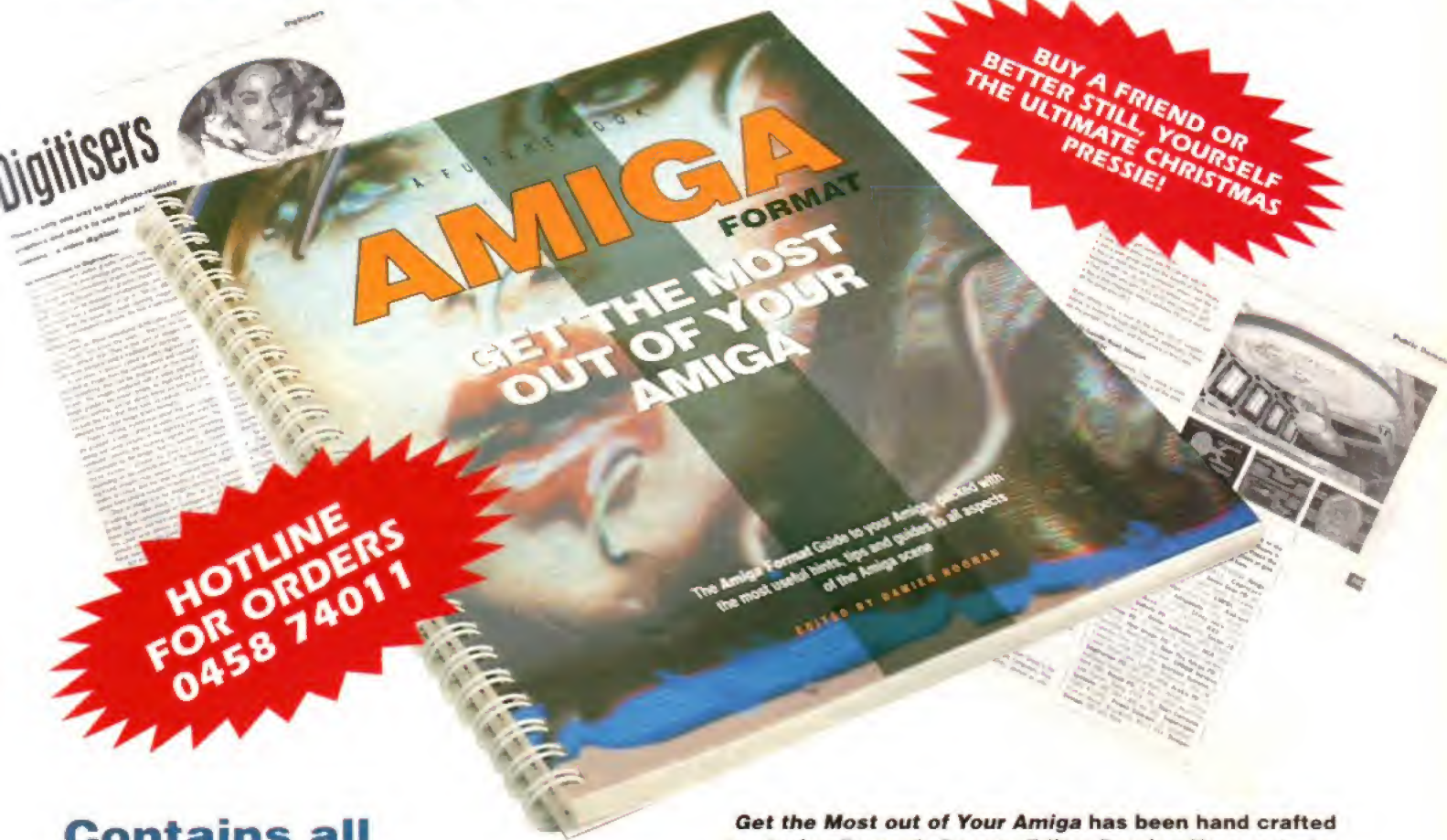
# SOFTMACHINE



Dept. AMF 2, 20 Bridge House, Bridge Street, Sunderland SR1 1TE. Telephone: 091 510 2666 Fax: 091 564 1960



# THE ONLY WAY TO GET THE MOST OUT OF YOUR AMIGA



## Contains all this and more...

### The Amiga's History

#### Software Creativity guides for beginners and experts:

Word Processors • DTP • Graphics • Digitisers • Scanners • Music •  
Databases • Spreadsheets • Accounts • Video • Education • Multimedia

#### The Amiga Inside and Out:

Beginners • The Chips • Easy Workbench and CLI • Hardware Upgrades  
• Printers • Programming Languages • Games Programming •  
Communications • Emulators • Odd uses for the Amiga

#### The Public Domain Scene

Workbench: Top Tips for Software and Hardware

Gamebusters: 100 top games tipped

*Get the Most out of Your Amiga* has been hand crafted by *Amiga Format's* Deputy Editor Damien Noonan to be the most complete guide to using the Amiga.

In 172 information-packed pages it aims to provide advice on all aspects of the Amiga scene: what software to buy, how you can get it free through the PD libraries, how to solve those tricky technical problems, where you're going wrong with a game you can't beat.

You can get all this for the bargain price of only £9.95. Alternatively, for a mere £4 more you can also have two 880K disks absolutely packed with the most useful utilities and the most entertaining programs, carefully picked to be the essential collection from the PD and elsewhere.

**Start getting the most out of your Amiga!**

## PRIORITY ORDER FORM

Please send your order as soon as possible to avoid disappointment.

Yes, I would like to order \_\_\_\_\_ copy/copies of  
*GET THE MOST OUT OF YOUR AMIGA* at the recommended price of £9.95.  
(Please add £1.45 per copy to cover p&p.)

Yes, I would like to order \_\_\_\_\_ copy/copies of *GET THE MOST  
OUT OF YOUR AMIGA* plus two disks at the recommended price of £13.95.  
(Please add £1.45 per copy to cover p&p.)

Name: (BLOCK CAPITALS PLEASE) \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone: \_\_\_\_\_

I enclose a cheque for £ \_\_\_\_\_

I wish to pay by Access/Visa\*  
(\*please delete as appropriate)

My credit card number is: \_\_\_\_\_

Expiry date: \_\_\_\_\_

Signed: \_\_\_\_\_

If paying by cheque, please enclose payment with this card in a sealed envelope addressed to: **AMIGA FORMAT Book Offer, FREEPOST, Future Publishing Ltd, The Old Barn, Somerton, Somerset TA11 7BR.** (No stamp is needed if the letter is posted in the UK.) **Please allow up to 28 days for delivery.**



**24  
HOUR**

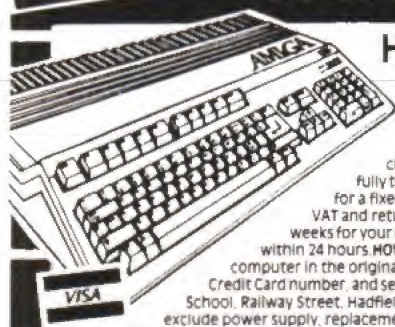
# AMIGA REPAIRS and SPARES

**COMMODORE QUALITY AUTHORISED REPAIR CENTRE**



**HOW TO GET YOUR AMIGA REPAIRED FOR ONLY £59.95**

Need your Amiga repaired fast, then look no further, the VideoVault have been servicing Commodore machines for over 8 years. We don't just repair your machine, we check for sound, colour, loading & saving, tilt chip fully tested, graphics fully tested, disk drive fully tested, joystick, mouse performances tested, all for a fixed price of only £59.95 including parts, labour, VAT and return post and packing. Are you fed up of waiting weeks for your repair, not with us all computers turned around within 24 hours. **HOW TO SEND YOUR COMPUTER INTO US.** Pack your computer in the original box if possible enclosing your cheque/P.O or Credit Card number, and send it directly to VideoVault Ltd, Old Kingsmoor School, Railway Street, Hadfield, Cheshire SK14 8AA. Please note our prices exclude power supply, replacement disc drive where required, mouse modulator as these are not serviceable parts.



## TEN ★ REPAIR SERVICE

- Mail order repairs for only £59.95 including parts, labour and P + P (Power supplies and Internal Disc Drives extra, as these are not serviceable).
- All computers fully overhauled and fully tested before return.
- Fully insured for the return journey.
- While you wait repairs for only £59.95. (Replacement Internal Disc Drives and Power supplies are at an additional charge).
- Spare parts available by mail order or over the counter.
- All computers turned round within 24 hrs.
- We also repair Spectrum & Commodore 64.
- The most up to date test equipment developed by us to locate faults within your computer.
- Over 6 years of service in computers.
- 3 month warranty subject to our terms of trading which are available on request just send 2 x 1st class stamps! (The extra warranty by us is additional to any other rights you already have).

### COMMODORE HARDWARE AND ACCESSORIES

AMIGA			
CODE	PRODUCT	SPECIFICATION	RRP
	CDTV	CDTV - Commodore Dynamic Total Vision Contents: Audio CD, Amiga Computer, Infra Red Remote Control	609.95
A500 GEM	Amiga 500 Screen Gems	Contents: Amiga 500, Modulator, Mouse, Back to the Future II, Days of Thunder, Night Breed, Shadow of the Beast II, Deluxe Paint II	399.99
	Commodore 64	Contents: 2 Joysticks, C2N Tape Recorder, plus - <b>Night Moves</b> , Midnight Resistance, Night Breed, Shadow of the Beast, Sly Spy, Mind Benders, Confusion, Share, Split Personalities, Trivial Pursuit	159.99
1901030	A501 RAM Expansion	Contents: Includes Clock, VA Grade A 500 to 1 Megabyte of RAM	149.99
1901052	A590 20M Hardisk for A500	Contents: Autoboost with Kickstart 1.5, sockets for up to 2 Megabytes of RAM, SCSI Interface for the connection of other peripherals.	399.99
1901056	1084s RgB Stereo Colour Monitor	Contents: 18" Colour Monitor includes cables for connection to PC, 64 and Amiga range of computers, Stereo Sound	299.99
1901205	1352 PC/8500 Mouse	Contents: Replacement Mouse for A500, compatible with Commodore PC's running under a "windows" style environment.	36.95
1901100	1402 12" PC Mono Monitor	Contents: PC Mono Monitor, High Resolution, Hercules compatible, supply with cables for a connection to a Commodore PC.	94.50
1901051	MPS 1230 Printer	Contents: 9 Pin Dot Matrix Printer, Black and White output, 12 cps draft	249.99
1901055	MPS 1550 Colour Printer	Contents: Colour Printer compatible with Amiga 500, PC, Commodore 64.	249.99
1901299	Amiga A2000	Amiga A2000 1Mb RAM, 3 1/2" 880K Floppy Drive, 7.14MHz clock speed, 8 slots allow expansion	735.00
	Amiga P50	Amiga Power Supply Unit	48.95

Any machines that have been tampered with beyond repair are charged at £15.00 handling

## THE VIDEOVAULT COMPUTER COMPANION

EDITION NOW HOT OFF THE PRESS

New bigger catalogue now available containing over 3,500 items including software for all computers, joysticks, spare parts, business software, books, plus many more. Just send 3 x 1st class stamps for your free copy. Over 24 pages full of top quality products delivered to your door by return post.



# VideoVault

Ltd.

Send your computer to: **VideoVault Ltd.**, Railway Street, Hadfield, Cheshire SK14 8AA Tel: 0457 866555/867761/869499  
Main Office enquiries and orders only

Manchester telephone 061-236 0376 While you wait centre only.



FAX No. 0457 868946 © COPYRIGHT VIDEOVAULT NO. 090171

# NEW LOW PRICES BRANDED DISKS AT BULK PRICES BENCHMARK BRAND

ALL 3 1/2" DISKS COME WITH LABELS. ALL 5 1/4" DISKS COME WITH LABELS WRITE PROTECTS AND SLEEVES

Disk Type	Qty	25	50	100	200	500	1000
3 1/2" DS/DD 1Mb	£	15.95	27.95	35.00	68.00	150.00	295.00
3 1/2" DS/HD 2Mb	£	32.00	58.00	64.00	126.00	305.00	600.00
5 1/4" DS/DD 96/48 TPI	£	10.64	17.25	27.00	49.00	116.00	215.00
5 1/4" DS/HD 1.6Mb	£	17.40	30.00	50.00	94.00	217.00	375.00

**ALL OUR DISKS ARE 100% CERTIFIED GUARANTEED ERROR FREE**

**IMPORTANT NOTICE. WE WILL MATCH ANY ADVERTISED PRICE FOR CERTIFIED UNBRANDED DISKS IN THIS PUBLICATION AND SUPPLY BENCHMARK PRODUCT "HOW'S THAT FOR A PROMISE"**

### DISK STORAGE BOXES LOCKABLE

3 1/2" 100 capacity	£3.50
3 1/2" 240 capacity (stackable)	£13.50
5 1/4" 100 capacity	£3.50
5 1/4" 200 capacity (stackable)	£12.50

THESE PRICES ONLY IF BOUGHT WITH DISKS

**M  
C  
S**

ALL PRICES INCLUDE VAT & P&P UK ORDERS ONLY

Cheques and Postal Orders to **24 HOUR ORDERLINE 0597 87784**

**Manor Court Supplies Ltd**

Telephone: 0597 87 792 Fax No: 0597 87 416

Dept AMF, Glen Celyn House, Penybont, Llandrindod Wells, Powys, LD1 5SY

EDUCATION AND GOVERNMENT ORDERS WELCOME

**UNBRANDED DISKS AT SAME PRICES**



**T**he Christmas Commodore Show went down with a bang. As usual, the band of intrepid willing beginners trooped along to Commodore's technical support stand with their queries – and one of the most common questions was "How do I get a printer to work with my machine?"

Further investigation revealed the majority of people had managed the hard part (getting the printer attached to the Amiga) but were finding great difficulty getting a printer driver to match it. Most people knew what they needed to do, but could not cope with Commodore's *InstallPrinter* software.

In answer to this question, this month's Coverdisk features a replacement for *InstallPrinter* which will copy a printer driver from any disk to any other disk and assumes you have a minimal system with one disk drive. Ordinarily you would have to nip to the Coverdisk pages for this, but installing and using this simple program will make a useful exercise. More experienced users may be interested to note that this program is actually an AmigaDOS script which can be examined and modified if necessary from the CLI.

#### LESSON 4: INSTALLING A PRINTER DRIVER

##### You will need:

- This issue's Coverdisk
- A copy of your Workbench disk

*InstallPrinter* will replace the original Commodore program supplied with Workbench, so you should only work on a COPY of the Workbench disk supplied with your machine. Details of

# Taking the First Steps

Getting your printer to work can be the trickiest problem of all. In the second part of a continuing series for serious beginners, **MARK SMIDDY** helps you out.

how to do this are described in last month's *Amiga Format* on Page 241 and also in the manuals supplied with your Amiga. Never, for any reason, modify the original disks.

The following instructions serve to demonstrate one way of copying a Workbench file between two disks – there are many others.

##### All machines

- 1: Open the "write protect" shutter on your Workbench disk
- 2: Close the "write protect" shutter on the *Amiga Format* Coverdisk
- 3: Boot (put it in the drive and switch on) your copy of the Workbench disk.
- 4: Open the Workbench disk by double-clicking its icon.
- 5: Open the drawer marked 'Utilities' by double-clicking its icon.
- 6: Users with two or more drives, proceed to Step 9
- 7: Remove the Workbench disk from the internal drive (drive df0: that is).

##### THE NEW INSTALLPRINTER PROGRAM

By special arrangement with Designer Mouseware and Bruce Smith Books, this has been reproduced from *Mastering AmigaDOS Scripts*, another volume in the *Mastering AmigaDOS series*. Although this script is normally distributed under the Charityware principal, *Amiga Format* readers are licenced to use it freely. You may give it away but new users are expected to make a contribution of at least £1 to any registered charity.

*InstallPrinter.info* is © Commodore-Amiga Inc.

8: Insert *Amiga Format* Coverdisk 19 into the internal drive.

##### Users with two or more drives

9: Insert *Amiga Format* Coverdisk 19 into any external drive.

##### All machines

10: Open the Coverdisk by double-clicking, as described at 2.

11: Open the drawer marked "Getting\_Started", as described at 3.

12: Point the mouse pointer at the icon labelled *InstallPrinter*.

13: Press and hold the left-hand mouse button

14: Move the mouse and the icon moves with it. (This little procedure is called 'dragging'.)

15: Drag (move) the *InstallPrinter* icon over the icon labelled *InstallPrinter* in the window marked 'Utilities.'

16: Users with two or more drives proceed to step 18.

**Continued overleaf**

## PRINTER NOT WORKING? TRY THESE ANSWERS

### The printer is not switched on

Switch the printer on. If this is the first time you have used the machine get it to do a self-test also. The way to do this varies from printer to printer but usually it involves holding down either "Form Feed (FF)" or "Line Feed (LF)" while switching on. Consult the manual and find the right way to do it before trying this.

### Printer is not "on-line"

Press the button marked "on-line" or switch on and off again.

### The printer is not plugged into the computer

Check all leads and cabling from the computer to the printer and the mains cable. If you have forgotten to plug the computer to printer cable in at one end SWITCH EVERYTHING OFF FIRST!

### Wrong printer driver installed or no printer driver present

Copy the correct printer driver for your machine to the Workbench disk and select it from Preferences. The easy way to do this is use the *InstallPrinter* program on the Coverdisk, the use of which is covered in more detail on this page.

### The printer interface has not been selected from Preferences

Run the 'Preferences' tool and select the appropriate type of printer interface to suit your machine. In most cases this will be parallel -

which is default. If you have a serial printer you'll also need to set the baud rate and parity etc. The exact settings vary from machine to machine, so check with the printer's manual or your supplier.

### The printer ribbon has become dislodged from the print head or is not fitted

Ensure you have fitted the ribbon (or ink cartridge) correctly.

### You are trying to print graphics on a daisy wheel or other text-only printer

This can be done – but it's VERY complex. At this stage do not attempt to print any graphics until you understand the machine. Better still, get a proper graphics printer.

### You are trying to print colour graphics text on a mono printer

Change the colour of the text – see the manual with your word processor. If you are using *Notepad*, you may be able to improve the situation by altering the Preferences settings.

### Ribbon is badly worn or ink cartridge needs replacement

Replace the ribbon or ink cartridge.

### Printer is out of paper

Insert some paper – it sounds obvious, but people forget!



## Users with one drive

**17:** The Amiga will now prompt you with a message like this: "Insert volume Workbench1.3 in any drive" and that is exactly what you should do.

## All machines

**18:** The new *InstallPrinter* program will be copied from the *Amiga Format* Coverdisk to your duplicate Workbench. This completes the installation procedure for this program.

## If you experience trouble

The only problems you are likely to encounter with this relatively simple operation is a requester stating: "Volume Workbench 1.3 is write protected" or a message like "Error while opening InstallPrinter: 222".

In the first case, this means you have forgotten to close the write protect notch on the Workbench disk! If this happens, just remove the disk, slide the small black tab to the closed position and try again.

In the second instance, you have tried to copy *InstallPrinter* from the Workbench disk over the new program supplied with the magazine. The error message "222" is telling you the icon (program) cannot be deleted - this was done deliberately to stop you accidentally overwriting it! If this happens, start again from scratch and follow the instructions carefully.

## LESSON 5: USING INSTALLPRINTER

### You will need:

- Your copy of Workbench with the new *InstallPrinter* software

The description given here applies to the *InstallPrinter* software you received free with this magazine and not the one supplied by Commodore. This software was written with beginners in mind, works on a much wider range of machine configurations and should be a lot easier to understand.

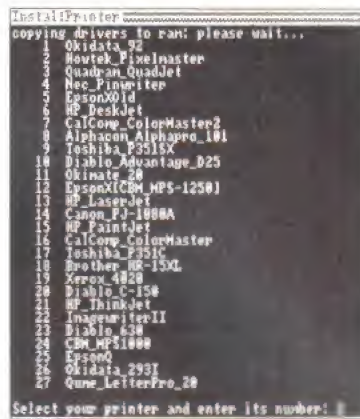
Before using this software, you should already have a printer attached to your machine and the printer's manual to hand. It is possible the exact model of printer you have will not be supported - but it may be able to 'emulate' one of those that is.

For instance, if you have one of the popular Star LC-10, Citizen 120D or Panasonic KX-P1081 series you will be able to use the EpsonX driver. More of this in a minute. If you don't have a printer just yet, you can still run this program for the experience.

If you have got to this point after copying *InstallPrinter*, described above, your Workbench disk will still be in drive df0: and the Utilities window will be open. If not, insert your Workbench disk, open the Utilities drawer. Now double-click on the *InstallPrinter* icon. A window will open



**ABOVE: Figure 1: This is what the new InstallPrinter program supplied on the Coverdisk looks like. It was written by the Designer Mouseware Team, so thanks to them for their efforts.**



**RIGHT: Figure 2: The InstallPrinter program will offer you a Printer list like this one.**

to fill the whole screen and with some text, as shown in Figure 1 above.

After announcing itself, *InstallPrinter* will continue by copying some AmigaDOS commands into RAM, so saving a considerable amount of disk swapping later on. You will then be

**RIGHT: Figure 3: InstallPrinter asks you if you want to run Preferences. Do so.**



**Next month:**  
A guided tour of Workbench Preferences  
The extras disk  
The hard disk

**Mark Smiddy is co-author of Mastering AmigaDOS 2. Special thanks to Roger Fischlin for the Fenster grabber.**

## WHAT'S A PRINTER DRIVER?

This question pops up all the time. Printer drivers address a specific problem which is this: there is no standard, universally accepted language for controlling printers. This might seem strange, especially since the Centronics printer port (like the one on the back of your Amiga) has been so widely accepted. But the Centronics interface only addresses the electronic connection between the computer and the printer. Software control of the printer is a completely different ball game.

At the text-only level, this is reasonably straightforward. You send ASCII (which is just plain text data) and the printer prints it. However, what about all the special effects? Double height, double width, superscript, subscript, and so on? Add colour to that lot and you enter a nightmare world of complexity.

Enter printer drivers. These act as interpreters, allowing software to communicate with printers in a language they both understand. Therefore, in order to get the best from your printer - this applies to graphics especially - you must use the correct driver. Some finer points may still require special coding sequences but this is largely software-independent.



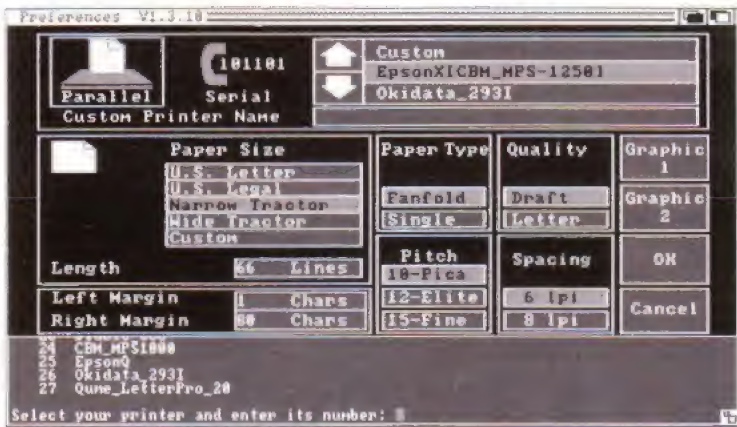


Figure 4: The Printer screen of the Preferences section.

drive 0. Insert your boot disk, press Return, and the new driver will be copied to the disk. Next you will be asked if you want to run Preferences, as in Figure 3.

Answer Y and press Return. Shortly the Printer Preferences screen will appear and give you the choice of which printer to use, as seen in Figure 4 above.

At the top left of the display are fairly dreadful pictures of a printer and a telephone handset (it actually looks like a letter C, to me). Next to these are two large arrows and a list of three items. Unless you have already altered the printer, the word "Custom" will be highlighted in orange. Click on the up or down arrows until the name of your printer driver appears in the highlighted part. When you've done that, click in the box marked OK. This will take you to a screen which looks something like the one in Figure 5.

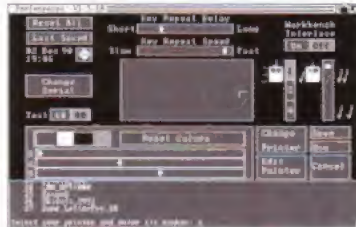


Figure 5: Preferences - the main screen. This is where you can have lots of fun by changing Workbench colours to livid green and pink.

Clicking on the box marked "Save" will store your new printer settings.

This might sound like a complicated operation, but that's because it has been described in detail and in a later part of this series we'll look at printer drivers in more depth. You will only have to run *InstallPrinter* occasionally - when you get a new printer or need to change the driver.

Give yourself a few weeks and you'll be sailing around Workbench like ducks on a skating rink.

Thus endeth the second lesson.



Figure 6: The Preferences drawer (top left) showing the icons.

## IF YOU GET STUCK

Readers experiencing problems with the software described or content of this series should write to:

Mark Smiddy  
C/O Bruce Smith Books, PO Box 382  
St. Albans, Hertfordshire, AL2 3DZ.

All questions must be as brief as possible. By special arrangement with Amiga Format the service is free, but you must enclose a stamped, addressed envelope. General queries on any other topics or articles should be sent to Workbench at the usual address.

## The A-Z of Computer Terms

Builds up in monthly parts to a complete glossary. Part Two: D-N

**Daemon:** Variant spelling of Demon. Crops up in AmigaDOS 2 when referring to the new Preferences managers.

**Device name:** The name given to any device. The name is arbitrary but MUST be followed by a colon - DH0:, DF0:, JH0:, CON:, SPEAK: etc.

**Device:** A hardware device (such as a floppy disk) used by the Amiga, or a 'logical device' driven by, or simulated in, software. See also: Logical Device

**Directory:** A group of objects stored on a disk OR the place on the disk where those objects are stored. If a disk was a filing cabinet, the directories are drawers in the cabinet. See also: Object

**Disk:** Generic term for small electromagnetic devices used to store programs and information. Read from and written to by disk drives.

**DOS:** Device (or disk) Operating System. The part of a computer system which controls all the external hardware devices such as disk drives, printers and so on. See Device

**Double-click:** The action of positioning the mouse pointer over an icon and pressing the left mouse button twice in quick succession.

**DPaint:** Common contraction for *Deluxe Paint*, Electronic Arts' standard-setting paint package beloved of many Amiga artists. So good it's been converted

to other machines too.

**Drag:** Moving an icon or icons by selecting them and then moving the mouse without releasing the left button.

**EXEC:** The multi-tasking executive. The part of Kickstart controlling all the low-level resource and memory management and the tasks. See also: Kickstart

**Extra Half-brite:** 64 colour screen mode simulated in hardware. In this mode you have 32 colours plus another 32 of exactly half the intensity.

**FIFO:** First In First Out. A pipeline buffer - data is inserted at one end of the buffer and read out from the other end in the same order. If the sequence 12345 written to a LIFO buffer, would be read back 54321. See also: LIFO, Pipe

**File:** Anything saved on a disk for later retrieval - except directories. Files can be created by users or the system. The Workbench (system disk) contains many of these files. See also: Object

**Firmware:** Software that is held in ROM. See also: ROM

**FORTH:** A programming language devised to control radio telescopes.

**FPU:** Floating Point Unit. A very clever piece of hardware which can perform tricky floating point computations at incredible speed. Rivaling the CPU in complexity, these little beasties

can speed maths intensive programs by as much as 500 or 600 percent.

**Fractal:** Term used to describe a special mathematical formulae which seems to have an infinite number of possibilities. Benoit Mandelbrot, who first described the phenomenon also gives his name to the most commonly seen interpretation of Fractals, the infamous Mandelbrot Set.

**Frame Grabber:** Something like a Genlock, only this one grabs "frames" from the video signal and stores them in memory for later processing and retrieval.

**G or Gb:** Like K this means Giga. 1Gb is about 1 million, million bytes or about 1,000,000, 000,000 bytes!

**Gadget:** An Intuition managed object. It could be a button, an icon or a sliding knob - Intuition doesn't mind. The title bar on most Intuition windows doubles a drag gadget.

**Genlock:** A special device for mixing a video signal, say from a video camera or recorder, with the screen display generated by the Amiga. The video signal shows through the "black" parts of the Amiga display. This is akin to blue screening on TV.

**GUI:** Graphical User Interface. Any operating system which uses graphics to help the user find their way around the disk operating system. The first (and still probably the best) is Finder on the Apple Macintosh.



**Other examples** are Windows, X-Windows and GEM. The Amiga's GUI is called Workbench. See also: Workbench

**Hacker:** A computer expert - of late a term plagiarised by pirates who also consider themselves experts.

**HAM:** Hold and Modify. Special screen mode used by the Amiga to display 4096 colours at once - yet using only a fraction of the amount of memory required by normal methods.

**Hardware:** The electronics making up a computer system or part of it. See also: Software, Firmware.

**Hard disk drive or HDD.** Just like a floppy disk drive only MUCH bigger. Amiga hard disk drives start with a standard storage capacity of 20Mb and rise to over 300Mb! Hard disks are like Porsches; expensive, fragile and very fast. See also: Device

**Icon:** Small picture used as a memory aid in WIMP systems. See also: WIMP, GUI

**IFF:** Interchange File Format. This was a co-invention of Electronic Arts and Commodore Amiga Inc. It allows programs to exchange data very easily and avoids the situation on say, the PC, where dozens of graphics packages each save data in a different way. The IFF format covers graphics and animation, sound and music - even formatted text has been adopted in IFF recently.

**Intuition:** The core of the Amiga's WIMP system. See also: WIMP

**K or Kb:** Generic terms for Kilo adopted by the computer industry. 1K = 1024 units, so 1Kb = 1024 bytes.

**Kickstart:** The Amiga's Operating System (OS). Contained on a ROM, or on disk on A1000s and very early A3000s. Kickstart is what makes the machine tick. It contains most of the software that make the Amiga work. See also: ROM, Firmware

**Library:** A series of shared routines with a common goal. Libraries come in many flavours -

the dos.library looks after the DOS routines, the graphics.library oversees graphics and text printing, the icon.library manages the Workbench and the branch.library lends books. See also: Shared, ROM

**Licenceware:** Shareware software distributed by licenced vendors. The software is subject to copyright, and the vendor charges an extra fee which is passed directly to the authors.

**LIFO:** Last In First Out. A stack buffer - each new item of data is inserted on top of the existing data. When something tries to read from a LIFO it always receives the newest data. If the sequence 12345 written to a LIFO buffer, would be read back 54321. See also: FIFO

**List:** EXEC term used to describe a series of items all joined together in memory. Each item in the list is called a NODE. Most Amiga lists are doubly-linked structures where each child points to both its ances-

tor and its sibling. Lists are very important in Amiga programming but not relevant to user level AmigaDOS. See also: EXEC

**Logical device:** A hardware device simulated in software. See also: Assignment

**Longword or Lunch:** Four bytes or 32 bits. A standard unit of measurement of computer memory for 16/32 CPUs.

**M or Mb or Megabyte:** Used to measure memory or storage. 1Mb is approximately 1 million bytes.

**Menu bar:** List of menu titles accessed by pressing the right mouse button. See also: WIMP, Intuition

**Menu:** List of items/choices. See also: Menu Bar

**Micon:** A moving or animated icon. Not very common on the Amiga - the best examples are animated mouse pointers like Animouse and Sleepy. Kickstart 2 uses a frontend micon to tell you it wants a disk. See also: Icon

**MIDI:** Musical Instrument Digital Interface. A special interface devised to allow all sorts of synthesizers and other electronically controlled musical instrumentation to talk to each other. Also a language that allows them to do this.

**Modula II:** A programming language and what Pascal should have been all along.

**Modulator:** Device used to connect the Amiga to a normal domestic television set.

**Monitor:** The display.

**Mouse:** Small odiferous rodent. Also small unit used to move the pointer in a WIMP system. See also: WIMP

**NTSC:** National Television Standards Committee. Sometimes called Never The Same Colour. This is the television system used mainly in the US and other parts of the world. Gives 200 or 400 lines per full screen. See also: PAL/SECAM.

**Nybble:** half a byte or four bits. See Byte, Bit.

**NEW!**

# TRACEY

*Turn your mouse into a digitiser - for just £7.95!*

Do you want to trace photographs and sketches into your graphics package? You need Tracey! This precision-moulded transparent puck attaches to your mouse to give a quick visual guide of what you are tracing. Attaches to either side of the mouse for left and right handed use. Removable when not in use.

- Turns your mouse into a low-cost digitising tablet.
- Ideal for Amiga, Naksha and all flat-sided mice
- Only £7.95 including VAT and p&p.

"This novel little device makes copying pictures easy" -

*Amiga Format, No. '90*

"Transparently useful and original" - *ST Format, Dec '90*

"A clever idea that could save a lot of effort" -

*PC Plus, Jan '91.*

Cheque with order. Trade enquiries welcome.



**SideWise Ltd (Dept AM), PO Box 4, Totnes, Devon TQ9 7EN**



SAME DAY DESPATCH

# AT LAST!!

ALL PRICES INC V.A.T

A PREMIER TRADE SUPPLIER COMES DIRECT TO YOU - THE PUBLIC!

## 3 1/2" DISKS

Large or small users - we have the prices for you!

<b>SONY D/S D/D 135 tpi</b>		
50's	42p each	£21.00
100's	41p each	£41.00
400's	39p each	£156.00
800's	36p each	£288.00
1200's	35p each	£420.00
<b>MITSUBISHI</b>		
50's	37p	£18.50
100's	36p	£36.00
400's	33p	£132.00
800's	30p	£240.00
1200's	29p	£348.00



All disks are PIN numbered and carry a 100% quality control/no quibble guarantee. Disk labels supplied

## STORAGE BOXES

3 1/2" (10 capacity box) "Sлимпак"	£0.95 each
3 1/2" (10 capacity box) see through "Vision 10"	£1.00 each
3 1/2" (40 capacity box) lockable disk storage box	£3.50 each
3 1/2" (50 capacity box) lockable disk storage box	£3.95 each
3 1/2" (80 capacity box) lockable disk storage box	£4.30 each
3 1/2" (100 capacity box) lockable disk storage box	£4.95 each
3 1/2" (120 capacity box) lockable disk storage box	£6.50 each
3 1/2" POSSO stackable box (holds 150)	£15.95
3 1/2" BANX lockable/stackable (holds 90)	£9.95

All disks boxes are anti-static, Amiga beige, contain keys, dividers and rubber feet (with the exception of 10's)

## ACCESSORIES

Printer Stands (80 col)	£6.50
Printer Stand with tray	£9.95
Tilt 'n' turn monitor stands for Amiga	£9.95
Monitor Arms (fully adjustable with keyboard keeper)	£69.95
Data Switches (2-way serial or parallel)	£12.95
Copy Holders (Thingy III)	£3.95
A4 Desk Top Holder	£7.90
Mousemats (boxed 8mm) red, blue, grey	£2.95
Mousemats 5mm packaged	£1.95
Mousebrackets	£1.95
Amiga printer leads	£3.95
3 1/2" cleaning kits	£1.95
Amiga Dust Covers	£2.95
Amiga Screen Filters	£12.95
Roll of 1000 3 1/2" labels	£6.95
1000 Tractor feed labels	£9.95
Fastrack II (attaches to side of monitor for easy swapping of diskettes)	£2.95
Keyboard Cleaner	£2.95

## PRINTER RIBBONS

	QTY1	QTY5	QTY10
Amstrad DMP 2000/3000	£2.90	£2.60	£2.20
Amstrad DMP 4000	£3.90	£3.60	£3.20
Amstrad PCW 8256/8512	£3.50	£3.20	£3.00
Amstrad PCW 9512	£2.90	£2.60	£2.20
Brother HR15/20/25/35	£2.50	£2.30	£2.15
Brother M1009/1109	£3.90	£3.60	£3.20
Citizen 1200/LSP10	£2.90	£2.70	£2.40
Epson MX/FX80/85/800	£2.90	£2.70	£2.40
Epson FX100/105/1000	£3.60	£3.40	£3.10
Epson LX80/86	£2.90	£2.70	£2.30
Panasonic KXP 1080/81/82	£3.90	£3.70	£3.20
Star LC10	£2.90	£2.70	£2.40
Star LC10 4 colour	£5.90	£5.30	£5.00

PLEASE NOTE THAT THIS IS JUST A SMALL SELECTION OF OUR LARGE RANGE. TELEPHONE 0530-813591 FOR PRICING ON OTHER RIBBONS NOT LISTED

## RAM EXPANSIONS

1/2 meg upgrade (without clock)	£29.85
1/2 meg upgrade (with clock)	£34.85

Features include: ON/OFF memory switch, auto-recharge battery backed clock, 4 low power fastrams.

## XMAS CRACKERS

Star LC-10 Printer	£158.85
Star LC-10 Colour Printer	£199.95
Philips Colour Monitor	£249.95
(ref. CM8833)	
11 x 9 1/2 5.P plain 70 GSM Micro per paper	
Pack 100	£2.50
Pack 250	£3.95
Pack 500	£5.95
Pack 1000	£8.95
Pack 2000	£16.95

## OMC AMIGA STARTER PACK

COMPRISES:	NO NEED TO SHOP AROUND
500 Flight of Fantasy/Screengems	
1/2 meg additional RAM upgrade	
3 1/2" external disk drive	R.R.P £679
10 3 1/2" D/S D/D 135 tpi diskettes	
1 (40 cap) lockable storage box	
1 mousemat	
1 mouse	
1 mouse bracket	
1 joystick	
1 Amiga dustcover	
PLUS the usual 4 great software titles	
<b>OMC All inclusive price of £465.00 inc. VAT</b>	
A saving of £214.00	
<b>PHONE FOR DETAILS ON CLASS OF 90's PACK</b>	

## AMIGA SCREEN GEMS

Including Deluxe Paint 2, Days of Thunder, Back to the Future II, Shadow of the Beast II, Nightbreed, TV Modulator, Mouse etc

**ONLY £349.94**

## POWER SUPPLY

Fully compatible replacement Power Supply for Amiga 500

**ONLY £38.95**

## DISK DRIVES

3 1/2" External disk drive for Amiga. Slimline design colour co-ordinated throughput connector. 1 year guarantee

**ONLY £58.00**

## SOUNDBLASTER

Turns your Amiga into a powerful sound emitting system, pack includes:

- 50 watt 3-way speakers
- 3" woofer
- 2" mid range 1" tweeter
- power supply
- cables
- full instructions

**£49.99 inc VAT**

Free stereo headphones

## JOYSTICKS

Quickshot II Turbo	£7.95
Quickshot III Turbo	£8.95
Competition Pro Colour	£9.95
Quickjoy Jet Fighter	£12.95
Quickjoy Super Board	£14.95
Quickjoy III Super Charger	£7.95

## MICE

Amiga mouse, two button fully compatible as replacement	£19.95
Atari ST mouse, two button fully compatible replacement	£19.95
Naksha	£39.00
IBM cordless	£49.95

**"OMC MOUSE DEAL" Replacement mouse + mouse bracket + mousemat**

**ONLY £22.95**

## TO ORDER

CHEQUES AND P.O.'S PAYABLE TO OMC LTD AND SEND TO ADDRESS BELOW. CREDIT CARDS SIMPLY TELEPHONE YOUR ORDER ON 0530 813591 (8 LINES) FAX 0530 813595 FOR OUR IMMEDIATE ATTENTION

VISA

**THE ORIGINAL MEDIA COMPANY LTD**  
DEPT AF, MEDIA HOUSE, UNIT 14, ASHBY ROAD,  
COALVILLE, LEICS LE6 2LA

**TEL 0530 813591(8 lines) FAX: 0530 813595**

Trade a/cs welcome. All prices include VAT. Corporate, education orders welcome. Personal callers welcome



**O.M.C Ltd**

POSTAGE: £3.50  
CARRIAGE: £8.50



# UNIVERSAL OVERNIGHT DISTRIBUTION LTD

TEL: 0228 512131 (24 Hour order line)

Main switchboard no. 0228 42373 (ext. 53)

Personal  
Callers  
Welcome

Fax: 514484

Unit 26, Enterprise Centre, James Street, Carlisle, Cumbria, CA2 5BB

## DISKS DISKS DISKS

10+: 48p	50+: 38p
100+: 36p	250+: 34p
500+: 33p	1000+: 32p

Individually wrapped 100% certified and guaranteed 3.5" DSDD 135tpi disks with labels  
Add 7p per disk for genuine bulk SONY disks

## 3.5" DISKS WITH BOXES

10 Disks with 12 cap library box: .....	£6.45
25 Disks with 50 cap box: .....	£15.95
35 Disks with 100 cap box: .....	£19.95
45 Disks with 100 cap box: .....	£24.95
55 Disks with 100 cap box: .....	£28.55
80 Disks with 100 cap box: .....	£38.95
160 Disks with 2x100 cap boxes: .....	£68.95
240 Disks with 3x100 cap boxes: .....	£122.95

**Our claim:** We are probably the cheapest disk and accessory supplier in this magazine!

Individually wrapped 100% guaranteed DSDD disks

**Remember - Prices INCLUDE VAT AND POSTAGE**

**DON'T RISK STORING DATA ON  
OTHER TYPES OF DISKS -  
OURS ARE INDIVIDUALLY  
WRAPPED, 100% CERTIFIED AND  
GUARANTEED ERROR FREE**

## AMIGA P.D. - £1.25 A DISK

217 Demo Compilation	701 Drip
417 Lotus (1 Meg)	502 Word Processor
403 Agatron Slideshow	141 DMob Music 3
130 Rebels Megablast	308 Nightbreed Show
111 Rave Demo (1 Meg)	122 Digital Concert
206 Demo Compilation	414 Space Ace (1 Meg)
114 HCC Music Disk	209 Scoopex Mental Hangover



## DISK BOXES

Lockable high quality disk boxes at unbeatable prices:

Qty:	1+	3+	6+
50 cap	£4.99	£4.25	£3.99
100 cap	£5.99	£5.25	£4.99

12 capacity library cases...Five for £4.75



## DUST COVERS

Amiga and Atari Dust covers  
High quality covers protect your Amiga or Atari keyboard

1+	3+	6+
£3.50	£3.25	£2.99

**QUALITY COMES FIRST AT UNIVERSAL!**



## ACCESSORIES

Mouse Mat: .....	£2.99
Mouse House: .....	£1.99
3.5" Cleaning Kit: .....	£2.95
5.25" Cleaning Kit: .....	£2.95

IBM or AMIGA parallel printer cable: .....	£7.95
Universal plastic printer stands .....	£6.95
Extra disk labels (3.5") per 100 .....	£0.95



## MONITOR STAND

The monitor stand enables you to swivel your monitor in nearly any direction.

**1+ £12.50 - unbeatable**  
High quality 14" Universal

monitor stand takes any monitor from 12" to 16"

## WHY BUY DISKS FROM US?

1. All disks meet ANSI standards.
2. We supply shops, PD libraries and educational establishments on a regular basis.
3. If you can find a supplier who sells disks cheaper then we will beat the price. No questions asked.

**ALL PRICES INCLUDE VAT AND POSTAGE!!**

To order via telephone simply quote credit card number and expiry date

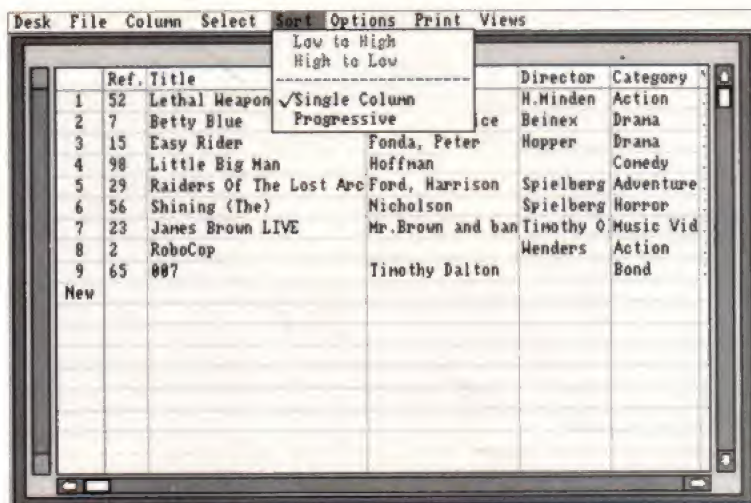
To order via mail make cheque or PO payable to: UNIVERSAL OVERNIGHT DISTRIBUTION LTD



Trade customers, call for spot prices. Bulk buyers - we have great prices.  
Overnight courier (get your goods tomorrow!) **£7.99**. Min order value: £10







**LEFT: Infofile may be easy to use, but there's very little to the sorting facilities.**

Looking around the database is straightforward – you just select an item from the menu. Particular information can be 'blacked out' to keep it secret: this is reversible.

**Hot and Cold**

Where it gets nasty is when you start sorting and listing large amounts of data. Even with a few records *Infofile* is not a nippy program – it has to think about updating the screen. This is probably because of the user friendly interface.

The ability to store information about graphics and sound is great. Imagine a name and address file

The first of this month's two databases can handle your pictures and music as well as those dull words! **PAT McDONALD** stores his Van Goghs on floppy...

# Infofile

Database £49.95 ■ The Disc Company ■ 010 331 4910 9995

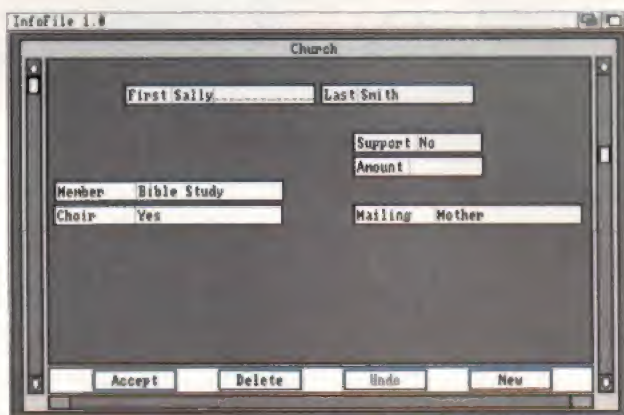
**Y**ou may think that all databases are alike in appearance and usage. This is actually not at all correct and a narrow-minded point of view: although databases were designed to do the same job – to store, sort and print information records – they are in fact designed for different needs.

*Infofile* was programmed with the Amiga in mind and contains some special features. Not only can it store the standard names, addresses and telephone number type data (alphanumeric, which means text and numbers) but it can also store information on Amiga graphics and sound.

**Data Input**

The program stores databases in memory. This means that although it will work on an unexpanded machine, large databases need extra memory. The reason is that if all the information is stored in memory, loading and saving time is cut down and so it's faster to use – in theory at any rate.

The worst part of using a database is entering all the data. This



**ABOVE: There's a facility to view the individual parts of a file like this - it makes editing easy as pie.**

means long typing sessions and close scrutiny to make sure you haven't hit the wrong keys. Imagine the size of your video and record collections, and you'll understand the scale of the problem.

This product is good at taking in data. It's based around the WIMP system (menus and using the mouse, in other words) and so editing things like the amount of space available for each record is simply a matter of pointing with the mouse and clicking.

where you can store pictures of the people, or a music file with pictures of the album covers and samples of the sound.

*Infofile* doesn't actually store that information in memory – graphics and sound take large chunks. Instead, graphics and sound disk filenames are stored, so that the program can get at that information when it needs to. Phone numbers can be tone dialled through the computer – you hold up the telephone to the loud-speaker and your Amiga plays the tone notes to dial the number. This last feature is a pure gimmick, but I'm sure technophiles will love it.

If you've got a hard disk, and want to sort out lots of graphics and sound files, then *Infofile* is excellent at the task. As a standard database it's nothing new, but as an Amiga database it's damnably useful.

## SO WHAT IS A DATABASE?

A database is a collection of structured information. An address book is an obvious comparison. They are split into records - a record is a standard form for displaying information. Each record is split into a number of fields - for instance, in an address record, you'd have a name field, an address field, and a phone number field.

When looking through a database, all you see is a number of records and you can read the information on each. If you want to sort the information (for instance, to see all the people called Smith) then it's no problem: such sorted lists can be sent to a printer for a mailing list.

*Infofile* copes with this situation very well. It uses standard Amiga printer drivers (as set up with Preferences). Included on the disk are some examples of standard databases for specific purposes: an address database, a cheques application, a church roster, country club manager, expense report, inventory, book/music/video libraries, an estate agency list, personnel file and so on

All things considered, these examples provide the best way of showing how *Infofile* can be used by just about anybody. Databases are not the preserve of businessmen in suits - literally anybody can find a very good use for them.

## VERDICT

**PURPOSE:** Memory based database for alphanumeric, picture and sound data.

**SPEED:** **AVERAGE**  
Even with a small database, *Infofile* takes its time working things out.

**DOCUMENTATION:** **AVERAGE**  
Good tutorials but too much waffle, not enough information.

**ACCESSIBILITY:** **GOOD**  
Using a mouse to sort out the database makes it easy to use.

**VALUE:** **GOOD**  
Scores on ease of use and ability to use picture and sound files.

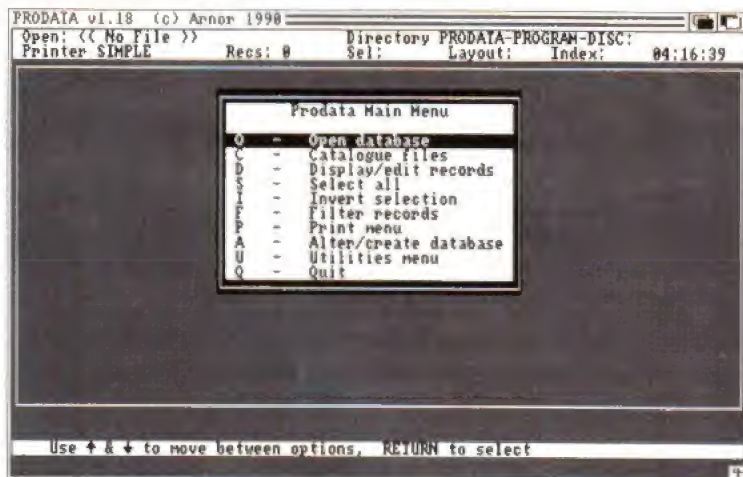
**FEATURES:** **GOOD**  
Average for text storage, but you can store picture and sound data as well.



**A**rnor have built around one main product – the famous *Protext*, one of the fastest word processors money can buy. In a similar vein comes *Prodata*, which claims to be easy to pick up for people already familiar with *Protext*. In some ways this is true, but it's really a different product.

*Prodata* is simply a disk-based database. This means that all of its data is stored in a file on a disk. Although this generally slows down operations, because the computer has to continually read to and from the file, it does mean that very large databases can be created. Indeed

**RIGHT: The front end of Prodata is a little bleak, but it contains all the heavyweight features you'll need.**



This month's second database is a companion to the frill-free but excellent word processor *Protext*. **PAT McDONALD** sees if it is just as practical as its brother.

# Prodata

1 Meg Disk Based Database ■ £79.95 ■ Arnor ■ 0733 68909

they can be as large as the disk they're stored on – which in the case of machines with hard drives means 20 Meg or upwards of data!

## Mundane

The program doesn't use the Intuition standard ARP requesters: in layman's terms, there are no menus running across the top of the screen that you select with the mouse.

Instead it has a simple front end menu, with submenus and requesters appearing as you progress. The difference is purely cosmetic, but if the Amiga is the only computer you've ever used it's a bit strange.

You can use the mouse to control some parts of *Prodata*, but it's really faster in most cases to use short-cuts from the keyboard. Moving around the text menus (there's no graphics in sight) is much more accurate using the cursor keys.

Selecting the database you want to use is easy enough – editing and viewing it is similarly easy. But the real strength of the program lies in



**ABOVE: Because of the maximum and minimum sizes of records, only one record can usually be seen at a time.**

doing data processing – that is, sifting the records in the database.

*Prodata* can have up to 20 filters set by the user. A filter is a condition to select a record – assuming you have a library of books, for instance, you might want to print all the non-fiction titles by one particular author. Tricky filter conditions have to be manually input, but *Prodata* can select simple filters without fuss.

The system also supports variables, which can be used to trigger search conditions. For instance, the program could look up all the items which were less than a certain condition, such as average temperatures for a database of countries.

## Hands On

The system does not support standard Amiga printer drivers. Instead it has a set of in-built preset printers – most dot matrix printers will handle the Epson configuration and daisy-wheels are happy on a Diablo setting.

Given that this is a heavy-duty database handler, the manual makes

the minimum of each subject. Although it's approximately 200 pages long, each subject is tightly written about: it can take a while to get the gist of complex areas, but all the information is there.

It takes time to get to grips with *Prodata*. The three supplied example databases are all preset – when you want to design your own particular database, you have to start from scratch. It's not impossible to use, but the learning curve is a little steep.

I'm impressed with this product. Some people say that the Amiga is just a games machine: here's something that pushes that idea into myth. *Prodata* is a professional tool that is ideal for sorting out large, complex databases. It can sort and sift, add and export data to other programs. Using it for lots of small collections is daft, but for one or two really big problems it can cope supremely well.

## SPECIFICATION

For those curious as to the actual performance figures, here's a rundown of exactly how much information *Prodata* can handle. Do bear in mind that the actual number of records (how big the database is in total) is limited by the capacity of the disk that the file is on. Also, if each field is 999 characters long and there are 300 fields per record, you're going to need quite a lot of memory, before you even think about a hard disk.

ITEM	MAXIMUM
Text field length	999
Fields per record	300
Indexes	10
Layouts	99
Filters	20
Variables	100

## VERDICT

<b>PURPOSE</b>	Disk based database intended only for alphanumeric data.
<b>SPEED:</b>	<b>POOR</b> It's poor with a floppy, that is, but very good with a hard disk.
<b>DOCUMENTATION:</b>	<b>EXCELLENT</b> Ring-bound, comprehensive, instructive and readable.
<b>ACCESSIBILITY:</b>	<b>AVERAGE</b> You will have to invest time and effort to learn what it all does.
<b>VALUE:</b>	<b>AVERAGE</b> Not cheap but very powerful for large and complex jobs.
<b>FEATURES:</b>	<b>EXCELLENT</b> Stores, sorts and presents data very well indeed. A highly professional tool.





**COMPUTERWISE**  
**BRIGHTON** ☎ 674626

## AMIGA SPECIALISTS

We have 100's of software titles;  
 many are now discounted, books and  
 peripherals in stock at all times.  
**Up to £1,000 instant credit with Lombard  
 Tricity. Finance subject to acceptance.**  
**Full written details upon request**



Open 10 am to 5.30pm Monday to Saturday

44 George Street, Kempdown, Brighton

George Street is opposite American Express building.



## Modems! Modems! Modems!

### Modems for Amigas, Ataris & PCs

Technical advice a pleasure  
 V22bis (2400 baud) Hayes compatibles from £99

Supply Solutions offer top quality, guaranteed new and  
 second-user modems from major  
 manufacturers at realistic prices.

All modems are fully tested prior to despatch.

**Ring 081-566-3639**  
**Supply Solutions**

Supply Solutions 187 Uxbridge Road, London, W13 9AA  
 Lines open 10am to 6pm and till 8pm Mondays & Tuesdays  
 STRICTLY MAIL ORDER ONLY



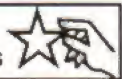
**Your computer is  
 the only teacher  
 which YOU CONTROL!**

**Whatever your age, whatever your subject  
 - let your computer help you learn.**

Subjects include ...

**French, German, Spanish, Italian, English**  
 History, Geography, Science, General Knowledge,  
 Football, First Aid, Sport, England, Scotland,  
 Natural History, Junior Spelling and Arithmetic

Available for most popular  
 home & business computers



*Kosmos are specialist producers of Educational  
 Software designed to help you enjoy learning from your  
 computer. Our programs even allow you to add your  
 own lesson material.*

**Write or telephone for a FREE 20-page BROCHURE**  
 of our Educational & Leisure software  
 Please state your computer type

Kosmos Software Ltd, FREEPOST (no stamp needed)  
 DUNSTABLE, Beds. LU5 6BR  
 Telephone 05255 3942 or 5406



# FOOTBALL CRAZY

The Most AUTHENTIC MULTI-MANAGER Football Game Has Finally Arrived. After 2 Years Research & Development The Ultimate Game Is Ready And Waiting To Test Your Skills. FEATURES INCLUDE:-

Multi-Manager Game for 1 to 4 Players.

Full UK and European Cup itinerary including FA, League, Zenith Data, Leyland Daf, European, Cup Winners and UEFA Cups. All Cup matches are played to the precise rules. eg 2 Leg Ties, Extra Time, Away Goal Rule. Seeded Draws, Penalties, etc.

Complete league line up with 20 1st division teams and 24 in the 2nd, 3rd and 4th. End of season Play-offs with expulsions.

All team surnames are the real ones for all 92 clubs (CURRENT 89/90 SEASON).

Historic Records are maintained for 6 seasons with the ability to call up all previous results against your next opponent.

A Lively Transfer Market to Buy and Sell Players with an end of season deadline. Player Loans, Free Transfers with Approach & Offers on players or trainees.

Managers can be sacked or offered jobs at better teams.

All screens are updated very quickly and displayed in a pleasant format, which is easy to use and comfortable to read. High quality PRINTER facilities also exist.

Complete Instructions, for the beginner, are provided in a 16 page booklet.

...and would you believe it doesn't stop there! We have included many other fine details which are just impossible to list in this space. They include all the regular features you would expect like loading & saving your game, player injuries plus much, much more. The most genuine implementation of a Football Managers hectic season awaits you for only £19.95.

**ST USER Review May 1990 Ratings (Out of 10)**  
**Playability 8, Value For Money 9 & Overall 8**

**Take Your Team To The Top And  
 Win The Double. Or Are You Good Enough  
 To Win The Quadruple Crown. Never Yet  
 Achieved By A League Team Manager.**

Available for the Amiga & All Atari ST's.

PC Version Coming Soon.



### MAIL ORDERS

Send £19.95, Guaranteed Cheque / Postal Order / Credit Card Details to:



ESP Software.  
 32B Southchurch Road,  
 Southend-on-Sea,  
 Essex SS1 2ND.

PLEASE ALLOW 10 DAYS TO CLEAR UNGUARANTEED CHEQUES  
 NON-UK SURFACE DELIVERY PLEASE ADD £11.00. AIRMAIL ADD £2.00

**AVAILABLE  
 FOR IMMEDIATE  
 DISPATCH**  
 Cleared Funds ONLY

### TELEPHONE ORDERS



**(0702) 600557**

FAX (0702) 613747  
 Out of hours Answer Phone





GBRoute V1.02 © 1990 Complex Computers



Once you have input your starting point and destination, **GB Route** tells you how long it will take and how much it will cost in fuel and shows you which way to go on the map. You can zoom in on the map for extra detail on the road junctions.

from the Workbench. On a bare A500, it's a bit of a squeeze running from the Workbench, so it's probably better to let it boot itself.

The memory-resident program comes on a single 3.5 inch disk in a thin plastic folder. The disk isn't copy protected so it's possible to make a safety back-up, although the current legal situation makes this technically a crime without permission of the copyright holder.

GB Route relies on the program's user friendliness and has minimal documentation. Normally, I would complain about serious software with little or no documentation but in this instance, a heavy manual isn't really

Find out how to get from A to B in Britain, how long it'll take and how much fuel you'll use. **KEITH POMFRET** gets told where to go by a clever computer.

# GB Route

Map and Route Planner ■ £39.95 ■ Complex Computers 0706 224531

Until now, the only way to plan your route with an Amiga was to spend a couple of hundred quid on a PC emulator and use the infamous *Autoroute*, or swap your Amiga for a road atlas. Until, that is, **GB Route** arrived.

It is a route planner for the Amiga that has a comprehensive collection of A roads, arterial routes and motorways in it. You decide where to go from and to, what time to set off and the average speed of your vehicle. You can also input the price you expect to pay for fuel, per mile.

GB Route calculates the quickest and shortest distances between the start and finish and displays these as a map on the screen, telling you how long it will take. You can zoom in and out of the map and highlight areas. It's also possible to change the level of detail on the map by removing roads and highlighting major towns.

## Black Spots

You can choose three stopping off places on the route. You could pick an interesting circular route for a drive by setting three stops that aren't in a line. A simple delivery route with only three drops is possible using this feature, too.

Avoiding known trouble spots is possible by comparing the route on the map with the journey planned and putting in a stopping place that will cause the bad places to be avoided. Even the most complicated route only takes a few seconds to appear, as the program loads into memory in its entirety. To plan a week's tour with stops and places to visit didn't prove difficult, although fiddly.

## Machines and Manuals

The minimum system requirement for GB route is a 512K Amiga. The software will autoboot or can be run

necessary. After autoboot it is totally intuitive. The display is uncluttered and easy to read and a couple of menus contain all the features in a simple 'pull-down and click' form.

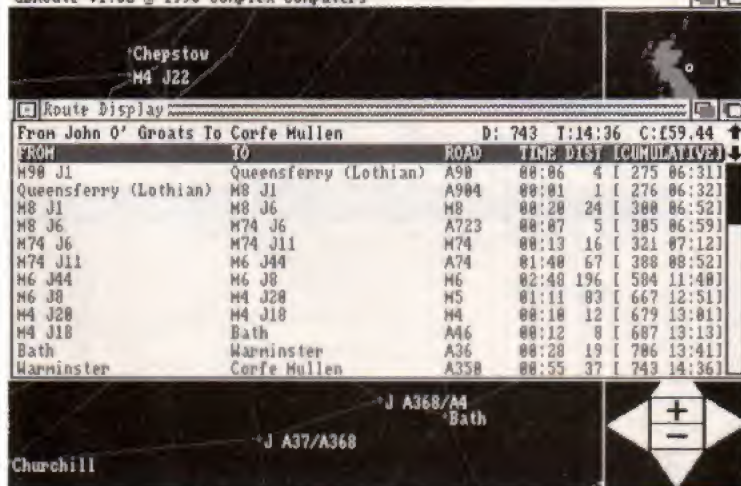
## Conclusion

Serious software that's desirable and fun to play with is rare. PC owners will attest that the route planning software they've had available for a couple of years is good fun to explore as well as practical and useful.

GB Route on the Amiga doesn't claim to know every back alley on the planet and restricts itself to major roads. This isn't a weakness, but more of a strength in that it keeps you on the straight and wide rather than the straight and narrow.

For the price, I consider it to be amongst the best value of any serious program I've seen on any machine in the last couple of years.

GBRoute V1.02 © 1990 Complex Computers



After you've compared the route on screen with the planned journey and decided that it looks OK, you can peruse the route in its tabulated form. This tells you where to start and on which road. Local delays and road-works will always defeat the best-planned journey, but with a print-out of the chosen route at least you'll have more chance of getting it right than by the 'bit of string on a map' technique.

## VERDICT

### PURPOSE

To calculate routes, times and fuel usage using major roads.

### SPEED: GOOD

GB Route runs from memory and calculates routes in a few seconds.

### DOCUMENTATION: POOR

Hardly any documentation, but so easy to use it doesn't need any.

### ACCESSIBILITY: EXCELLENT

Even a fool or a madman could handle it!

### VALUE: EXCELLENT

Worth raiding the holiday money for.

### FEATURES: EXCELLENT

Cheap, useful, fun, innovative plus any other half dozen superlatives that you can think of. A good, solid package.



HAPPY NEW YEAR FROM BCS

DS/DD

Inc. Labels

1"  
3 1/2"

**BULK BUYERS**

50 3 1/2 DS/DD...£19  
100 3 1/2 DS/DD...£34  
150 3 1/2 DS/DD...£48  
200 3 1/2 DS/DD...£62  
400 3 1/2 DS/DD...£121  
500 .....CALL  
1000 .....CALL

Price incl. VAT & P&P.

**DISKS & BOXES**

50 disks + 80 box .....£22  
100 disks + 80 box .....£37  
150 disks + 80 box .....£51  
200 disks + 80 box .....£66  
400 disks + 2 x 80 boxes .....£129  
500 disks + 4 boxes .....£164

\* Prices incl. VAT & P&P \*

**SONY BULK**

40p

3 1/2 DS/HD  
63p

5 1/4 DS/DD 20p  
5 1/4 DS/HD 38p

SONY BRANDED  
74p

3 1/2 POSSO  
150 CAP.  
£15

STAR LC-200  
PRINTER  
£217

★ ALL DISKS CERTIFIED 100% ERROR FREE ★

All prices include VAT. Add £3.50 p&p for guaranteed 3 day delivery UK mainland. Add £8 next day.

**AMIGAS & ACCESSORIES**

Screen Gems	£349.00	Power Drive	£55.00
Class Of The 90's	£510.00	1/2 Meg upgrade	£29.00
First Steps	£510.00	1/2 Meg + clock	£35.00
Just Cover	£5.00	1.5 Meg upgrade	£80.00
Jackshot III Turbo	£9.50	Mouse Mat	£2.50
Spache 131	£6.50	Mouse House	£7.50
Streetah 125+	£7.50	Mouse Bracket	£2.80
Lighter	£12.00	Printer Stand	£9.00
Onix Speedking	£27.00	Monitor Stand	£18.00
XX Labels	£8.00	Joystick Ext. lead	£5.00
Learning Kit	£1.50	Zipstick	£11.00
Amiga Drive	£64.00		

CALL OR SEND CHEQUES TO B.C.S LTD  
349 DITCHLING ROAD, BRIGHTON BN1 6JJ  
Tel: 0273 506269/0831 279084. 7 days. 24 hours.

AMIGA ATARI & PC SOFTWARE

**The Tipster**

This **HORSE RACING** software was used to select the 100/1 NORTONS COIN outsider in this years GOLD CUP. Data for this program requires the **RACING POST**. An **INTERNATIONAL** version is available for **AMIGA** & **ATARI** computers using the **DAILY MIRROR** for data on UK races.



£34.95



**The Punter**

Let your computer **WIN THE POOLS** for you with our latest software. We have used the same sums that the **TIPSTER** proves can beat the odds to give you a better chance with on any pools coupon. The **AUSTRALIAN** version is included on the disk which also contains the **LATEST ENGLISH** leagues.



£34.95



**The Dogs**

This **GREYHOUND RACING** program is available on the **AMIGA** and **ATARI ST**. Using data from either the **DAILY MIRROR** or **RACING POST**, you can rate races over **HURDLES** and the **FLAT**. Very easy to use, this program will rate 5 races in under 1/2 an hour.



£34.95



\*\*\* SPECIAL OFFER \*\*\*

Purchase any two products for £60.00

**TAM Marketing**  
7 GD UNITS, Marsh Barton  
Trading Estate, Exeter, Devon  
SALES: 0392 427186  
ENQUIRIES: 0392 215485

PLEASE QUOTE

AMIGA FORMAT

**AMIGA VIDEO INTERFACES**

Syntronix Systems, Burlington House, Prime Industrial Park, Shaftesbury Street, Derby, DE3 8YB.  
Tel: 0332 298422 / 0831 470555 (mobile)

**WE HAVE THE ANSWER !!!!**

If you are using your AMIGA for ANIMATION, GRAPHICS or VIDEO DTP, our special video products WILL be of importance to you.

**NEW SYNTRONIX AMIGA/SUPER-VHS RGB RECORDING INTERFACE**

Permits hi-res recording of AMIGAS RGB signals for superior recording quality onto SUPER-VHS/Hi8 formats. Cross-colour dot interference eliminated with crisp unbelievable graphic images recorded on your compatible VCR.

**WHY WASTE MONEY ON GEN-LOCKS??? only £249.95 + VAT**

★ CALL FOR DEMO TAPES ★

**NEW SYNTRONIX AMIGA/SUPER-VHS RGB RECORD/PLAYBACK INTERFACE**

As shown above with S-VHS replay/review capability on EXISTING Amiga monitor  
NO NEED FOR SPECIAL TV SETS ETC! CALL FOR DETAILS

**NEW SYNTRONIX PROFESSIONAL RGB SPLITTER**

**Only £179.95** Limited special offer with this advert!!

**DIGIVIEW (latest version) PLUS AN RGB SPLITTER**

**both products £169.95!!!! + VAT** Limited numbers so hurry!

SYNTRONIX



# NEED OUTPUT? NEED INPUT?

PROFESSIONAL  
GRAPHICS & DTP  
SERVICES FOR  
THE AMIGA  
USER.

Outputting of your Amiga files to our  
LASER PRINTERS at 300 dpi  
or to our LINOTRONIC 300 at  
1200, 1600 or 2500 dpi  
onto paper or film.

Scanning of colour photos,  
illustrations, logos, etc.,  
at between 30 and 300dpi,  
and send you an IFF file  
to run in DPAINT, etc, or  
output them as 24 bit files  
on our LINOTRONIC.

We can handle files in most  
Amiga formats including:  
IFF, HAM, BPSF, ASCII,  
PROPAGE, PRODRAW,  
DPAINT, PAGESTREAT,  
PAGESETTER, etc.

Call for free advice on any  
D.T.P. or GRAPHICS problem  
(Hardware or Software).

the **DTP**  
**BUREAU**

843 WESTERN BOULEVARD

NOTTINGHAM. NG8 5EG

TELEPHONE

**0602 420528**

CALL FOR INFORMATION AND DEMO DISK

## If you're serious about Home Educational Software – Davidson makes the difference

With basic Maths skills said to be in decline, responsible AMIGA users can now supplement their families' education effectively with new and different premium quality software from Davidson.

Not to be confused with cheaper learning programs, Davidson's 'MATH BLASTER PLUS!' is designed by teachers, yet superbly presented for maximum user appeal with the aid of high resolution graphics, animation and sound.

For users with suitable emulators 12 more superb Davidson programs available for IBM PC and compatibles and other formats covering algebra, spelling, grammar, vocabulary, French, Spanish, and study organisation. Hotline telephone back-up service for all registered users.

Send your order (no stamp necessary) with cheque for £39.95 to ABLAC or telephone **0626 332233** now with your VISA or ACCESS Credit Card details. FREE colour brochure also available on request. 30 day money back guarantee if not completely satisfied.

Davidson. **ABLAC**  
MAKING GOOD EDUCATION ENTERTAINING

ABLAC Computec Ltd, Dept. AF2 FREEPOST, Newton Abbot, Devon. TQ12 1BR.

NEW  
FOR AMIGA

MATH BLASTER  
PLUS!



- Ages 6 to 12.
- Covers addition, subtraction, multiplication, division, fractions, decimals and percentages.
- 5 game-style learning activities.
- Editing facility to customise programs.
- Printed 'Certificates of Excellence'.
- Score keeping and other features.

PROMPT DELIVERY  
85a MANSFIELD RD,  
DAYBROOK,  
NOTTINGHAM,  
NG5 6BH.

## COMPUTER LAB

24 HOUR ORDERLINE

TELEPHONE: NOTTM.  
(0602) 673674/673672

### HARDWARE

**AMIGA PACKS**  
inc. Modulator/Workbench/  
The Very First/Extras/  
Amiga Basic.

Screen Gems Pack .....£349.00  
Class of the 90's Pack .....£499.00  
First Steps Pack .....£499.00  
Amiga 2000 please ring for best prices  
Amiga 3000 please ring for best prices

#### NEO-GEO

Please ring for best discounts on  
hardware and software - the very best  
games machine in the world today!

#### SEGA MEGADRIVE

Megadrive .....£149.00  
Software all at discounted prices,  
please ring for details.

#### PRINTERS

Star LC10.....£156.00  
Star LC10 colour .....£197.50  
Star LC24-10.....£235.00  
Commodore MPS 1230.....£140.00

#### MONITORS

Atari SM124 high res monitor ..£140.00  
Philips S8833 .....£255.00

### SOFTWARE

We carry an extensive range of  
software for all machines, all at  
discount prices - at least 25% off RRP,  
for latest releases for example:

	RRP	Our Price
Badlands .....	£24.99	£18.50
Cadaver .....	£24.99	£18.50
European Super League.....	£19.99	£15.50
F19 Stealth Fighter.....	£29.95	£22.95
Gremlins II .....	£24.99	£18.50
Indie 500.....	£24.99	£18.50
Lotus Turbo Esprit.....	£24.99	£18.50
New York Warriors.....	£19.99	£15.50
Night Breed .....	£24.99	£18.50
Paradroid 90 .....	£24.99	£18.50
Spy Who Loved Me.....	£19.99	£15.50
Voodoo Nightmare .....	£24.99	£18.50

**ORDER BY PHONE  
OR FAX  
(0602) 673674  
or  
(0602) 673672**

Order by cheque made payable  
to Computerlab

Delivery - Please add £6.50 courier  
delivery for orders over £100 Add  
£2.00 p&p for orders under £100.

**ALL PRICES INCLUDE VAT**

### PUBLIC DOMAIN DISKS

We have an extensive range of public domain and shareware programs. Please ring  
for details of our Amiga and Atari libraries.

**SEVEN DISK SPECIALS ONLY £10.95**

- AMIGA DEMO PACK 4** - All of the best latest demos. Pack changes all the time  
but never has same demo twice.
- AMIGA BUSINESS PACK** - Spreadsheet, Wordprocessor, Database, Journal,  
N.A.G., Inventory.
- AMIGA UTILITY PACK 2** - Virus killers, Copiers, Disk Managers, Rippers,  
Bootcopiers. Plus loads more.
- AMIGA PROGRAMMERS PACK** - C compilers, Assemblers, Source Codes,  
Pascal, LISP, C manual.

### BLANK DISKS

3.5" QUALITY DISKS £12.00 FOR 30  
FULLY GUARANTEED DSDD 100% CERTIFIED

**SONY BRANDED  
10 FOR £7.99**

### MUSIC PROGRAMS

	R.R.P	OUR PRICE
Music X .....	£199.00	£148.50
Music X Junior.....	£79.99	£63.50
Pro 24.....	Please enquire	
KCS 3.0 / Dr T.....	£299.00	Please enquire
Master Tracks Pro.....	£289.00	Please enquire
TFMX.....	£44.95	£39.50

### PERIPHERALS

Amiga 1/2 meg upgrade .....£35.00  
Amiga Second Drive .....£65.00  
Naksha Mouse .....£33.50  
Linnet Modem.....£145.00  
Linnet 1200 Modem.....£212.00  
A590 20 MB Hard Drive.....£365.00  
Please enquire for the latest prices  
on Ram upgrades for the A590  
Hardware Virus Protector.....£14.95



# K & M COMPUTERS

THE BEST GAMES ★ ★ ★ THE BEST SERVICE

Apprentice.....13.90	Last Ninja 2.....16.90
Anarchy.....13.90	Loom.....19.90
A.T.F. II.....16.90	Lost Patrol.....16.90
Blitzkrieg May '40.....16.90	Nightbreed (Inter).....16.90
Back to Future 2.....16.90	
Bad Lands.....13.90	
BSS Jane Seymour.....16.90	
Bridge Player 2150.....19.90	
Beast 2 & Teeshirt.....26.90	
Buggy Boy.....8.90	
Budokan.....16.90	
Bomber Mission Disc.....11.90	
Breach 2.....16.90	
Bomb Jack.....8.90	
Boradino.....19.90	
Cadaver.....16.90	
Codename Iceman.....26.90	
Chess Champ. 2175.....19.90	
Corporation.....16.90	
Conqueror.....16.90	
Count Duckula.....8.90	
Days of Thunder.....16.90	
Dragon Strike.....19.90	
Damocles.....16.90	
D.Master Editor.....8.99	
D.Master Clue Book.....8.99	
Day of the Viper.....16.90	
East V West.....16.90	
Elite.....16.90	
Emlyn Hughes Socc.....16.90	
F19 Stealth Fighter.....19.90	
Fire and Forget II.....16.90	
Flood.....16.90	
Future Wars.....16.90	
Fusion.....8.90	
Gazzas Soccer.....16.90	
Gravity.....16.90	
Gold of the Aztecs.....16.90	
Golden Axe.....16.90	
Gunship.....16.90	
Harley Davidson.....19.90	
Impossamole.....13.90	
Imperium.....16.90	
Indianapolis 500.....16.90	
Ironlord.....16.90	
Infestation.....16.90	
Interceptor F16.....8.90	
Immortal (1Meg).....16.90	
Jack Nicklaus Golf.....16.90	
J. Nicklaus Course 3.....9.90	
Jockey Wilson Darts.....8.90	
Kick Off 2.....13.90	
Kick Off 2 (1 Meg).....16.90	
Killing Game Show.....16.90	
Keef the Thief.....8.90	
M1 Tank Platoon.....	
19.90Midwinter.....19.90	
Matrix Marauders.....13.90	
M.Night Resistance.....16.90	
Magic Fly.....16.90	
Monty Python.....16.90	
Narc.....16.90	
New York Warriors.....13.90	
Nevermind.....13.90	
Ninja Turtles.....17.90	
Operation Stealth.....16.90	
Over the Net.....16.90	
Powerdrome.....8.90	
Powermonger.....19.90	
Pirates.....16.90	
Red Storm Rising.....16.90	
Rorkes Drift.....16.90	
Rainbow Island.....16.90	
Reach for the Stars.....16.90	
Rick Dangerous II.....16.90	
Robocop 2.....16.90	
Saint Dragon.....16.90	
Shadow Warriors.....16.90	
Simulcra.....16.90	
Sly Spy.....16.90	
Sherman M4.....16.90	
Strider 2.....16.90	
Stun Runner.....16.90	
Super Off Rd Racing.....16.90	
Supremacy.....19.90	
Turbo Esprit.....16.90	
Tusker.....16.90	
Their Finest Hour.....19.90	
Tie Break.....16.90	
Turrican.....13.90	
Time Machine.....16.90	
Unreal.....19.90	
Vaxine.....16.90	
Vulcan.....13.90	
Wings (1 Meg).....19.90	
Wings of Fury.....16.90	

**AMIGA SECOND DRIVE with the Best RVF Honda Kick Off Battle Squadron ONLY £99.00**

**COMING SOON**  
The following games will be sent within 24 hours of release.

Chaos Strikes Back.....16.90
Chuck Yeagers.....16.90
Wonderland.....19.90
Elvira.....19.90
Wolfpack (1 Meg).....19.90
Total Recall.....16.90
Judge Dread.....13.90
U.M.S. 2.....19.90
Z-Out.....13.90
M.U.D.S.....16.90
Betrayal.....19.90
Hard Drivin' 2.....16.90
Creatures.....16.90

**BUDGET & SPECIAL OFFERS**

Archipelagos.....4.99
Artificial Dreams.....4.99
Backlash.....4.99
Bad Company.....4.99
Crash Garrett.....4.99

**MAIL ORDER PRICES ONLY SHOP PRICES VARY**

De-Luxe Paint 1.....4.99
Eye of Horus.....4.99
Future Bike.....6.99
Fright Night.....3.99
Formula 1 Gr. Prix.....4.99
Goldrunner.....3.99
Grimblood.....4.99
On Safari.....4.99
Joe Blade 2.....4.99
Karting Grand Prix.....4.99
Outlaw.....4.99
Pro Tennis.....4.99
Starray.....4.99
Time Bandit.....3.99
Tr. Island Dizzy.....4.99

**3.5" DISCS WITH LABELS 40p EACH MINIMUM ORDER 20 DISCS**

**HALF MEG. UPGRADES DOWN IN PRICE**  
Without Clock..39.95  
With Clock.....49.95  
With D.Master..59.95  
Clock/D.Master69.95  
With Kick Off 2 49.95  
Clock/K. Off 2 ..59.95

**PLEASE ADD £1.00 P&P TO ALL ORDERS**

**BUSINESS SOFTWARE**

Protect V4.2.....64.95
Prodata.....57.95
Publishers Choice.....79.95
Amas Midi Int & S.....74.95
Digicalc.....26.95
Cashbook Controller.....35.99
DevPac 2.....42.95
X-Cad Designer.....99.99
Pagesetter 2.....79.95

**AMIGA A500 SCREEN GEMS INC. 10 BLANK DISCS £379.00**

**AMIGA A500 FITTED 1 MEG UPGRADE SCREEN GEMS £415.00**

**JOYSTICKS**

Cheetah 125+.....7.95
Pro 5000.....13.95
Pro Star.....16.95
Turbo 3.....9.99
Navigator.....13.95
Cruiser.....9.50
Cruiser Auto.....12.50
Jetfighter.....14.95
Cheetah Mach 1.....10.50
Data 1.....7.95
Mr Crystal.....15.99
Comp. Pro Extra.....15.95
Ergostik.....17.99
Superboard.....19.99

**ACCESSORIES**

Second Drive.....69.00
Contriver Mouse.....27.95
Naksha Mouse.....39.95
Power Supplies.....47.95
Mouse/J.Stick Split.....7.99
B.Block Virus Killer.....19.95
Midi Interface 2.....34.95
Mini Amp. & Speakers.....44.95
Screen Filters.....15.99
Printer Lead.....5.99
Joystick Ext. Leads.....5.99
4 Player Adaptor.....5.99
Scart Lead.....12.99
Star LC10 Printer.....179.00
Dust Cover.....4.99
Disc Box (80-100).....8.99
Stax Disc Box (100).....12.50
3.5" Drive Cleaner.....4.95
Ribbon Re-ink.....11.99
Ribbons From.....3.25
Mouse House.....3.99
Mouse Mats.....4.99
A590 Hard Drive.....365.00
Commodore 1084S Stereo Monitor.....250.00
Address Labels 1000.....5.99
T&T Monitor Stand.....18.99
Printer Stand.....10.99
Philips CM8833 Colour Stereo Monitor.....255.00
5.25 Ext. Drive.....129.00

**ALL PRICES ARE SUBJECT TO AVAILABILITY**

**ALL PRICES INCLUDE VAT PLEASE ADD £1.00 TO YOUR TOTAL ORDER FOR P&P**

**K & M COMPUTERS (AF 6) 140 SANDY LANE CENTRE SKELMERSDALE LANCASHIRE WN8 8LH**

**PHONE 0695 29046 FAX 0695 50673**



**24 HOURS**







## EDUCATIONAL SECTION



We Have Over 70 Top Class Educational Programs For The Amiga & Atari ST. All Ages Covered From 3 To Adult.

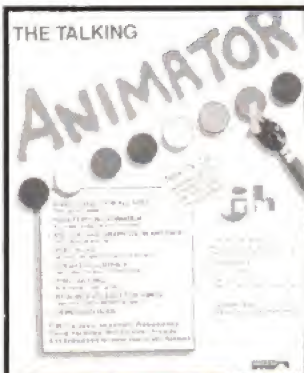
Contact Us Now For Your Free Catalogue

**Designasaurus** - Fun With Dinosaurs! Print, Create, & Survive like the dinosaurs in their own ecosystem. Highly recommended. Ages 5+ £29.95

**The Talking Animator** - Let the kids have some fun creating animations using this simple but highly stimulating program. Some features require 1MB. Age 6+ £34.95

### EXCLUSIVE RANGE!

ESP Software has just released its own range of high quality Educational titles. More details with catalogue.



## PROFESSIONAL SECTION

BUSINESS		Imagine		Synthia II	
Advantage	74.95	Modeller 3D	59.95	69.95	
Arena Accounts	129.95	Pagerender 3D	77.95	<b>UTILITIES</b>	
B Graphics	99.95	Pixel 3D	64.95	Amiga Vision	69.95
Gold Disk Office	139.95	Sculpt 3DXL	89.95	Diskmaster	34.95
Maxiplan Plus	99.95	Sculpt 4D Jr	83.95	Disk Mechanic	44.95
Microfiche Filer Plus	109.95	Sculpt Animate 4D *	309.95	Power Windows V2.5	49.95
Securities Analyst	49.95	Sculpt 3D Designs	23.95	XCOPY Professional	34.95
Service Ind. Accts.	239.95	Turbo Silver	94.95	<b>VIDEO</b>	
Superbase Prof. 3	149.95	Videoscape 3D *	109.95	Art Department	69.95
<b>CAD.</b>		Vista	54.95	Broadcast Titrer V2	199.95
Intro CAD	39.95	<b>D.T.P.</b>		Frame Grabber 256 *	569.95
Intro CAD Plus	79.95	Outline Fonts	94.95	Pro Fills	28.95
Ultra Design	219.95	Pagestream Fonts	27.95	Pro Video Plus Fonts	79.95
X CAD Designer 2 *	77.95	Pagestream V2 *	139.95	Pro Video Plus Post	219.95
X CAD Prof. 3D *	Call	Pro Draw V2	89.95	Supercip	498.95
<b>DRAWING / GRAPHICS</b>		Pro Page Templates	33.95	TV Text Professional	89.95
3D Professional	299.95	Pro Page Ultraforms	24.95	Title Page	124.95
Animate 3D	92.95	Pro Page V2 *	154.95	Video Effects 3D	114.95
Cando Innovatools	39.95	<b>MUSIC</b>		Video Titrer 3D	74.95
Design 3D *	59.95	Audiomaster III	69.95	Viva *	179.95
Disney Anim. Studio	Call	Bars & Pipes	174.95	<b>WORD PROCESSORS</b>	
Elan Performer 2	89.95	Copyist Professional	174.95	Pen Pal	79.95
Fletcher Fonts	60.00	K.C.S V3	139.95	Pro Write V3.1	99.95
Headlines II (Fonts) *	49.95	Future Sound	Call	Word Perfect 4.1	159.95
				Word Perfect Library	84.95

\* 4Mb \* 4Mb \* 4Mb \* 4Mb \* 4Mb \* 4Mb \* 4Mb \*

BaseBoard 4.0 fits in the A501 slot. Increases A500 memory to 4.5Mb in steps of 512K. **NO SOLDERING**. Full 1 year Warranty. Clock Included.

ICD2080 ADRAM BOARD for 1500 or 2000 range. Add 2Mb to 8Mb. Prices from £229 to £499

### Incredible Prices

Unpopulated	£89.95
512K Populated	£115.95
1Mb Populated	£141.95
1.5Mb Populated	£167.95
2Mb Populated	£193.95
2.5Mb Populated	£219.95
3Mb Populated	£245.95
3.5Mb Populated	£271.95
4Mb Populated	£297.95

The above list of Professional Software is only a selection of the range available. Please phone for a full price list or individual quotes. All prices are inclusive VAT & UK Post. E. & O.E. \* = 1Mb+

Educational & Serious Program Specialists

**(0702) 600557**

24 Hour Service  
Access & Visa Accepted  
FAX (0702) 613747

**ESP SOFTWARE**  
32B Southchurch Road  
Southend-on-Sea  
Essex SS1 2ND.

## "LOOK" FORGET THE REST BUY FROM THE BEST

### AMIGA PACKS

* Flight of Fantasy	-	£359.00
* Screen Gems Pack (new)	-	£359.00
* Batman Pack	-	£359.00
<b>* Special offers - holding at this price for one month only</b>		
1 Meg pack as above + 1/2 Meg Clock	£440.00	
A500 + Mouse and Modulator	£349.00	
Class of the 90's	£515.00	
First Steps Pack	£535.00	
Amiga B2000 CPU + Keyboard + Monitor	£1299.00	
Amiga B2000 XT - Bridgeboard + 20 MBHD	£1450.00	
Amiga 3000 from	please phone	£2300.00

### AMIGA HARDWARE

1/2 Meg Ram no Clock*	£33.00
1/2 Meg Ram with Clock	£35.00
4 Meg Unpopulated Board	£99.00
CBM 1084S Colour Stereo Monitor	£235.00
CBM 1900M Mono Monitor	£99.00
Cumana 1 MB 3.5 Disk Drive	£78.00
Amiga 3.5 Disk Drive	£69.95
CBM 1 MB Internal Replacement	£139.95
CBM MDS 1230 9 Pin 180 CPS Printer	£135.00
CBM MDS 1550 Colour Printer	£219.00
Panasonic KPX 1124 Pin	£269.00

We sell a comprehensive range of hardware, software, peripherals, books and disks for both personal and business use. Please call for details.

### How to order

Either call our number with your credit card details or send a cheque/P.O. to our address.

Please make cheque payable to:

**PRAXIS LTD.**  
Prices subject to change without notice

### PRAXIS LIMITED

Craven House, 14/18 York Road  
Wetherby, West Yorkshire  
LS22 4SL

Telephone: (0937) 580597

Fax: (0937) 66043



## Micro Shop

17 Albert Road, Barnoldswick, Lancs, BB8 5AA  
Tel: (0282) 816726 Fax: (0282) 817008

### Commodore Amiga A500 Packs

A500 Basic	£349.00
Screen Gems	£359.00
Screen Gems 1 Meg	£389.00
Screen Gems A501	£417.00
Class of the 90's (First Steps)	£529.00
Class of the 90's	£529.00
Cumana external disk drive	£69.99
Commodore A590 Hard Disk	£269.00
Commodore 1352 mouse	£29.99

### Atari ST/E Packs

Atari 520ST-FM Discovery Pack	£269.00
Atari 520ST-E Turbo Pack	£359.00
Atari 1040ST-E Extra Pack	£439.00
Atari Lynx	£159.00
Atari Megafile 30 Meg Hard Drive	£434.00
Atari Megafile 44 Meg Hard Drive	£794.00
Atari Megfile 60 Meg Hard Drive	£584.00
Atari Mouse	£22.59
Atari VCS consoles	from £36.99

### PRINTERS

STAR LC10 Mono	£159.00
STAR LC10 II	£189.00
STAR LC24-10	£225.00
STAR LC200 Mono/Colour	£214.00
STAR LC24-200	£259.00
STAR LC24-200 Colour	£305.00
STAR LASER 811	£1378.00
CITIZEN 120D	£135.00
CITIZEN SWIFT-24	£289.00

### PERIPHERALS & ACCESSORIES

Philips CM8833	£239.00
Commodore 1084S	£249.00
Atari SM124 Monitor	£109.99
Contriver Mouse	£22.49

We also stock a wide variety of consumables and printer ribbons, leads etc. Call for availability.

### DISKS 3.5 INCH BULK DISKS SONY / VERBATIM 100% Error free, 135 TPI

10s	£5.99
25s	£13.99
50s	£25.99
100s	£47.99
200s	£79.99
300s	£115.99
400s	£149.99
500s	£179.99
1000	£349.99
Disk Labels 500	£7.99
Disk Labels 1000	£13.99

All disks carry a lifetime guarantee

### MAIL ORDER

**24 Hour Order Line**  
ORDER BY TELEPHONE QUOTING YOUR CREDIT CARD NUMBER, OR IF PAYING BY CHEQUE PLEASE MAKE PAYABLE TO: MICRO SHOP AND SEND TO THE ABOVE ADDRESS.

All prices include V.A.T. Please allow 6 days for delivery. Full range of IBM PC & Compatible Hardware at low prices.



# ATHENE COMPUTERS

16 Stoke Road, Gosport, Hants PO12 1JB  
Telephone: (0705) 511439 Fax: (0705) 511646

**AMIGA PACK 1**  
AMIGA GEM PACK  
**£379.00**

**AMIGA PACK 2**  
AS PACK 1 with  
extra 512K extra  
memory A501  
**£448.00**

**AMIGA PACK 3**  
AS PACK 1 with  
1084S 'D' monitor  
**£628.00**

**AMIGA PACK 4**  
as PACK 1 with  
Star LC200 colour  
printer  
**£578.00**

**AMIGA PACK 5**  
as PACK 1 with all  
other packs  
**£885.00**

**THE NEW**   
**AMIGA**  
**A1500 WITH**  
**1084S 'D' MONITOR**  
**£1099 inc.**

## PRINTERS

Star LC10 mono.....	£165.00
Star LC200 .....	£229.00
Star LC24-200.....	£245.00
Star LC24-200 colour .....	£339.00
Star FR10 .....	£399.00
Star FR15 .....	£499.00
Star XB24-10 .....	£496.00
Star XB24-15 .....	£599.00

## AMIGA COMPUTER PERIPHERALS

Commodore A501 (512K extra memory) .....	£69.00
Commodore 1084S D monitor .....	£259.00
Philips 8833 II monitor .....	£239.00
Cumana CAX354 .....	£75.00
2nd drive for Amiga.....	£65.00
TV modulator.....	£21.95
Cortex 2Mb expansion board .....	£299.00
Commodore A590 20Mb hard disk.....	£299.00

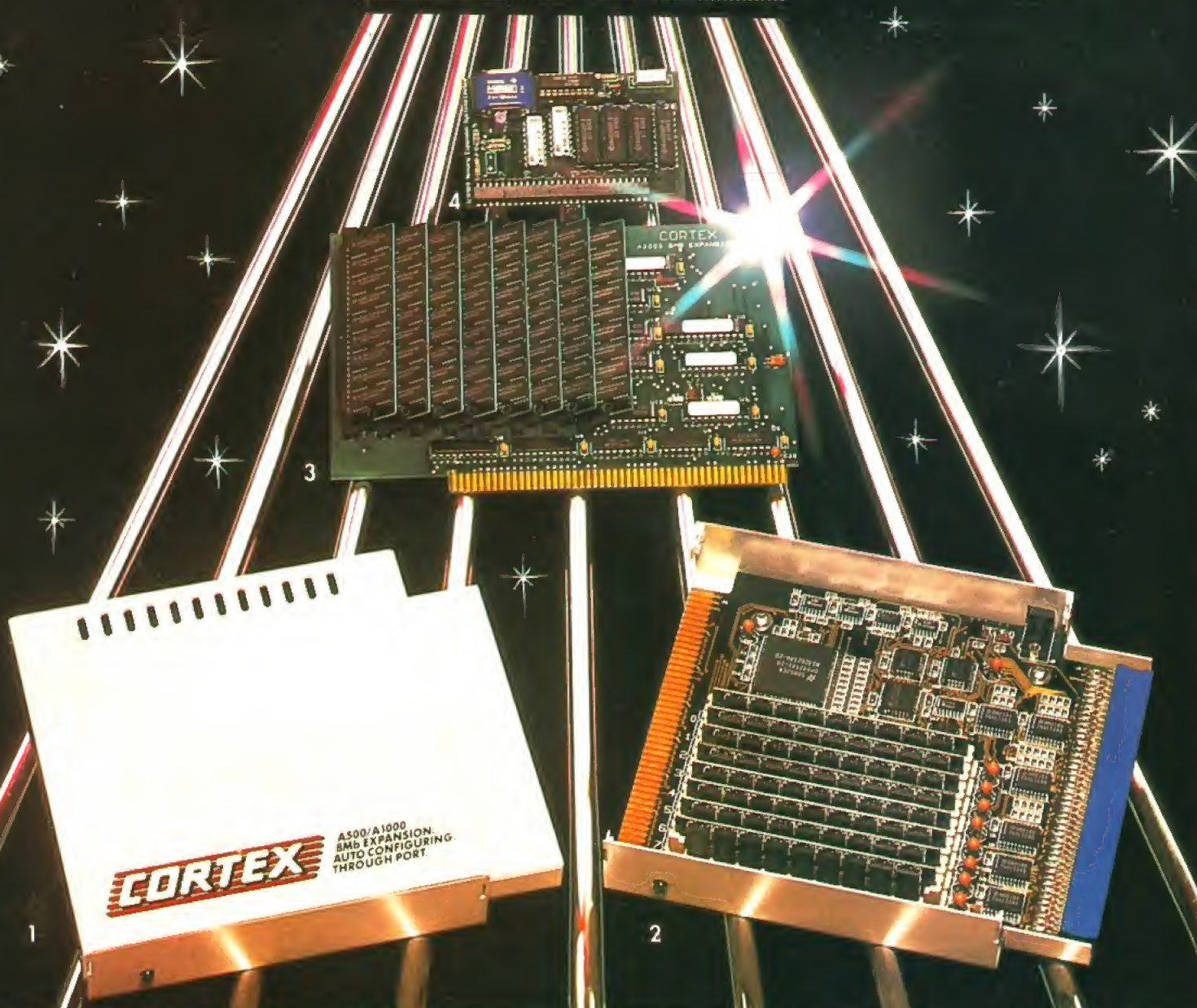
## THE ATHENE SPECIAL PACK

Commodore's latest Amiga Pack comes with the Amiga A500, TV Modulator, mouse, the latest 1-3 and Angus chip, D-Paint II, Shadow of the Beast II, Nightbreed, Back to the Future, Days of Thunder, Archipelagos, Eliminator, Quadralien, Mercenary, Cybernoid II, Backlash, Battleships, Custodian, Pioneer Plague, mouse mat, dust cover, joystick, 5 blank disks, 3 public domain software.

**£399.00**



**A LONG TIME AGO IN A GALAXY FAR FAR AWAY, IT WAS DECIDED  
 THAT THE WAY TO EXPAND AN AMIGA A500 BEYOND ONE MEGABYTE WAS TO  
 OPEN THE HOST MACHINE AND FIX THE EXPANSION MEMORY INSIDE, THUS  
 INVALIDATING THE WARRANTY, OVERLOADING THE POWER SUPPLY AND OFTEN  
 CAUSING DISASTEROUS HARDWARE INCOMPATABILITY PROBLEMS  
 .....THEN CAME.....**



..... the **CORTEX** rebellion!

- 1. A500/A1000 8Mb Expansion (2, 4, or 8Mb). Fully implemented autoconfigure. Fully operational through port for compatibility with other autoconfiguring hardware (e.g. CBM A590). Complete with its own power supply (U.K., U.S. or Euro). **(2Mb FITTED). £299**
- 2. As above, but with the cover removed.
- 3. A2000/A2500/B2000 8Mb Expansion (2, 4, 6 or 8Mb). Fully implemented autoconfigure. Uses 1M x 8 bit or 1M x 9 bit SIMM's. **(2Mb FITTED). £249**
- 4. A500 1/2 Mb Expansion. The essential A500 upgrade. A high quality A501 equivalent using low-power 1Mbit DRAM's. The unit has a "enable/disable" switch and is available with or without NiCad battery-backed clock/calendar module. **(CLOCK VERSION £41) £35**

5. External 3.5" Floppy Drive (not pictured). High-quality silent mechanism. Extra drive part and "enable/disable" switch. **£68**  
 Hard disks. Systems available for all Amiga variants call for details and pricing

**CHIP UPGRADES**  
 "Fatter Agnus" chip (8372A) for A500/A2000 Enables up to 1Mb of Chip RAM. Fitting requires some skill and will invalidate your warranty. **£60**  
 1.3 Kickstart ROM. Upgrade for A500/A2000 **£33**  
 A590 Upgrade chips: 1/2Mb **£34**, 1Mb **£62**, 2Mb **£120**  
 SIMM's. All types available. Call for pricing  
 A3000 4 Mbit Static Column Dram call for pricing

All prices include VAT and postage & packaging. Prices may be subject to change without notice. All products carry a 12 month guarantee. Dealer enquiries are welcome.

CORTEX products are marketed in the U.K. by Memory Expansion Systems Ltd. Britannia Buildings, 46 Fenwick Street, Liverpool L2 7NB. Tel. (051) 236 0480. Fax: (051) 227 2482. Make cheques payable to M.E.S. Ltd.





# THE INDISPENSABLE GUIDE TO GAMES ON THE AMIGA

## SCREEN PLAY - THE BOOK

**HOTLINE  
FOR ORDERS  
0458 74011**

**SCREEN PLAY**  
has 162 pages  
packed with all  
this and more...

- Reviews of over 100 games.
- Tips on over 100 games.
- Maps for 12 games.
- Full solutions for 12 games.
- Complete playing guides for *Damocles*, *Dungeon Master*, *Corporation*, *Neuromancer*, *Xenomorph* and many more.

Whether you're into shoot-em-ups, simulations, adventures or puzzle games, Amiga Format always brings you definitive coverage for games. Game Busters compiles tips to aid the struggling gamer and Screen Play covers the big names and top releases to watch out for every month.

But what about the games that slipped through the net and never



**YOUR  
CHANCE TO  
SAVE £1**

came under the close scrutiny of the Amiga Format reviewing team? What happens when you can't beat that classic old game even after months of trying? What can you do if you've missed part two of that essential solution to *Shadow of the Beast*? And just what DID happen to your issue with the *Infestation* maps? Now you can put all these worries behind you, with the Amiga Format *Screen Play* book.

*Screen Play*, the book, contains reviews of over 100 games, with the most comprehensive collection of tips, maps and cheats ever compiled in one place. The book also includes exclusive hints for top games specially put together for this book. It's been lovingly put together by Amiga Format's dedicated staff writer Maff Evans, who's got more experience playing, cursing at and then beating games than it's sane to have. All of

his many years expertise has gone into creating this book, which costs just £9.95.

If you play games, how can you afford not to buy it?

### PRIORITY ORDER FORM

**LIMITED PERIOD OFFER:** This money-saving offer is open to **AMIGA FORMAT** readers only until 31 January 1991. After this date, **SCREEN PLAY** will be available at full price only.

Please send your order as soon as possible to avoid disappointment.

**SAVE £1.00**

Yes, I would like to order \_\_\_\_\_ copy/copies of **SCREEN PLAY** at the special reduced price of £8.95.  
(Please add £1.45 per copy to cover p&p.)

Name: (BLOCK CAPITALS PLEASE) \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone: \_\_\_\_\_

I enclose a cheque for £ \_\_\_\_\_

I wish to pay by Access/Visa\*  
(\*please delete as appropriate)

My credit card number is: \_\_\_\_\_

Expiry date: \_\_\_\_\_

Signed: \_\_\_\_\_

If paying by cheque, please enclose payment with this card in a sealed envelope addressed to: **AMIGA FORMAT SCREEN PLAY Book Offer, FREEPOST, Future Publishing Ltd, The Old Barn, Somerton, Somerset TA11 7BR.** (No stamp is needed if the letter is posted in the UK.) No money will be debited from your account and no cheques cashed until **SCREEN PLAY** is printed and awaiting dispatch. **Please allow 28 days for delivery.**



# WE DARE YOU

**To ignore this Advertisement**

**Your wealth will be in serious jeopardy if you do  
Don't Delay Respond Today**

**GENUINE SONY DISKETTES**

at prices which are simply unbeatable.

**JUST LOOK AT THESE UNBEATABLE OFFERS**

100 <u>GENUINE</u> <u>SONY</u> DSDD 135TPI DISKS	<b>£44.95</b>
200 <u>GENUINE</u> <u>SONY</u> DSDD 135TPI DISKS	<b>£84.95</b>
400 <u>GENUINE</u> <u>SONY</u> DSDD 135TPI DISKS	<b>£159.95</b>
800 <u>GENUINE</u> <u>SONY</u> DSDD 135TPI DISKS	<b>£324.95</b>
1000 <u>GENUINE</u> <u>SONY</u> DSDD 135TPI DISKS	<b>£349.95</b>

These diskettes come in Sony outers to prove authenticity so you can be 100% certain you are getting the real thing at such LOW, LOW PRICES.

**Buy with complete confidence this is the real thing GENUINE  
100% CERTIFIED SONY DISKS.**

**WHY risk your data on cheapo diskettes when you can have  
what is probably the best diskette in the world at these  
UNBEATABLE prices?**

Each diskette is supplied with label and there are NO HIDDEN extras such as postage etc.  
The price you see is the price you pay. PLEASE NOTE YOU MUST QUOTE AF SONY  
OFFER WHEN ORDERING SO WE CAN GIVE PRIORITY TO YOUR ORDER.

To take advantage of this VERY LIMITED OFFER call our telesales hotlines **now.**

**RING 0689 861400**

ORDERS BY POST TO:  
**M.D. OFFICE SUPPLIES,**  
18 CRESCENT WAY,  
ORPINGTON, KENT, BR6 9LS

**LOOK**

with each 100 SONY disks  
order a 100 capacity lockable  
box for only £2.99

**LOOK**

with each 100 SONY disks  
order a 100 capacity lockable  
box for only £2.99

**DO NOT DELAY - ORDER TODAY**

(All offers subject to availability - E/O.E.)





# LEMMING LUNACY!

Win every Psygnosis game to date  
**and** every new game for an amazing five years!



The Lemmings are the extraordinary hit of the year already and come from the same software house, Psygnosis, as other classics like *Shadow of the Beast 1 and 2*, *Infestation*, *Menace*, *Blood Money* and *Killing Game Show*. We're not just going to give you the chance to win those games, but also every Amiga game Psygnosis have produced and every game they do for the next five years – that's right! – five whole years of games.

The lucky winner of the competition will also get an all-expenses-paid trip to Psygnosis' Liverpool headquarters to see just how they put together those astounding games. 20 runners-up will get their very own cutesy-wutesy, fluffkyin, scrummy-wummy, cuddly lemming of their own and they can hug him and squeeze him and call him George.

If you want to win this once-in-a-lifetime prize, we're going to tax your

creativity to come up with the perfect Rodent Ranger. What's a Rodent Ranger? It's someone (or thing) dedicated to saving those poor lemmings from a fate worse life – erm – death, that is. You can describe your Rodent Ranger however you like, in words or pictures, but it must be in either under 100 words or as a printed-out picture – you can generate it on the Amiga if you want to, but please do not send us disks with the picture on – just a printout.

## HOW TO ENTER

Send your description or pic of the ideal Rodent Ranger to Lemming Meringue Pie Compo, Amiga Format, 30 Monmouth Street, Bath BA1 2BW. The entries should reach us by February 15th and don't forget to include your name, address and phone number.



## RULES

Employees of Future Publishing and Psygnosis are not allowed to enter. The judges' decision is final. No correspondence will be entered into. The first prize consists of every Psygnosis Amiga game in stock up to 31st December 1990 and every one released after 1st April 1991 for the next five years. All entries involving cruelty to lemmings will be reported to the RSPCL.



# MAIL ORDER

## BASEBALL SHIRT



Designed in the USA, this black and white shirt is a must for every Amiga owner. (Logo on left breast and centre back).

Description	Price	Order No
Medium	£6.50	AM106
Extra Large	£6.50	AM107

## AMIGA BINDER



Keep your issues together in this high quality binder with the Amiga Format logo printed on the front and spine.

Description	Price	Order No
One binder	£4.95	AM108
Two binders	£9.00	AM109

## CAPTIVE Mindscape



Dungeon Master goes cyberpunk. Captive is a futuristic jail break epic starring 4 droids masses of weaponry and more nasties than you would ever care to blast. See Coverdisk Issue 16.

Description	Price	Order No
Captive	£17.99	AM174

## DAMOCLES Novagen



Damocles takes players to a doomed planet, which only they can save. In a self-contained 3D solar system it's a real-time race to head off a comet and avert certain catastrophe.

Description	Price	Order No
Damocles	£17.95	AM169

# AMIGA FORMAT

THE LATEST AND GREATEST PRODUCTS AT THE BEST POSSIBLE PRICES!



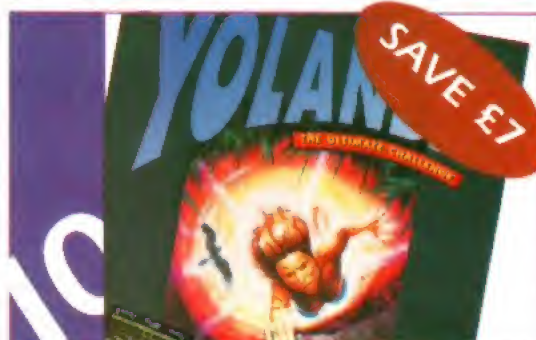
HOW TO ORDER...  
JUST MAKE A NOTE OF  
THE PRODUCT NAME  
AND ORDER NUMBER  
AND FILL IN THE  
ORDER FORM OPPO-  
SITE... OR RING OUR  
HOTLINE NUMBER ON  
0458 74011



Access VISA  
**HOTLINE**  
0458 74011



PRICES INCLUDE  
POSTAGE, PACKING  
AND VAT  
NO HIDDEN EXTRAS



SEE OUR AMAZING SUBSCRIPTION OFFER OF  
FREE SOFTWARE ON PAGE 175

## POWER BASIC &

### EXTEND HiSoft



THE best language for your Amiga with the added bonus of Extend. The usual complete package should cost £79.95. Save £30! See cover disk 17.

Description	Price	Order No
P.Basic & Extend	£49.95	AM181

## THE ULTIMATE RIDE



Mindscape  
Take to your motorbike in this superb racing game. See cover disk issue 17.

Description	Price	Order No
Ultimate Ride	£19.99	AM182

## YOLANDA Millennium



As the offspring of the mighty Hercules Yolanda has to re-enact the twelve tasks. Fifty randomly selected levels plus a special trainer all together in Steve Bak's latest platform extravaganza.

Description	Price	Order No
Yolanda	£12.99	AM158

## AMOS Mandarin

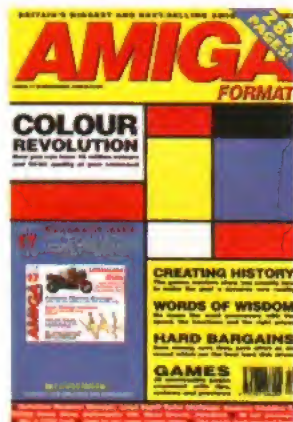


The creator. A Superb development language for creating games, educational programs - almost anything! Comes complete with AMOS Sprites 600. LATEST VERSION!!

Description	Price	Order No
AMOS	£35.95	AM168



**BACK ISSUES**



Want to complete your collection of the ultimate Amiga magazine? Back issues come complete with disks - prices include the postage and packing!

**AMIGA FORMAT**

ISSUE	PRICE	ORDER NO
ISSUES 1 - 8	SOLD OUT	SORRY!
ISSUE 9	£3.45	AMF09
ISSUE 10	£3.45	AMF10
ISSUE 11	£3.45	AMF11
ISSUE 12	£3.45	AMF12
ISSUE 13	£3.45	AMF13
ISSUE 14	£3.45	AMF14
ISSUE 15	£3.45	AMF15
ISSUE 16	£3.45	AMF16
ISSUE 17	£3.45	AMF17
ISSUE 18	£4.45	AMF18



**PERSONAL FINANCE MANAGER**

**5** Microdeal  
Your finances will never again be a worry with this easy-to-use home accounts package.

Description	Price	Order No
Pers Finance Mgr	£22.95	AM180

**SOUND EXPRESS**

**6** Harlequin  
Easy-to-use entry level sampler, with a host of built-in effects. An ideal way for the novice to find his feet in the world of sampling and dabble with digital sound effects.

Description	Price	Order No
Sound Express	£29.99	AM175

**QUARTET**

**7** Microdeal  
See Coverdisk 12, then buy this package to create your own music. "A music package with a difference" - AF

Description	Price	Order No
Quartet	£37.95	AM165

**MAIL ORDER**

**AMIGA FORMAT FEBRUARY SELECTION**

**3** **AMIGA GOLD FORMAT** **3** **Captives** **SAVE £7**

**4** **AMIGA GOLD FORMAT** **4** **DAMOCLES** **SAVE £7**

**7** **AMIGA GOLD FORMAT** **7** **QUARTET** **SAVE £12**

**8** **AMIGA GOLD FORMAT** **8** **Power BASIC** **HiSoft** **HiSoft Extend** **SAVE £30**

**11** **AMIGA GOLD FORMAT** **11** **THE CREATOR** **SAVE £14**

**12** **AMIGA GOLD FORMAT** **12** **Fun School** **SAVE £7**

**FUN SCHOOL 3**

**12** Database  
Bumper packages of Educational software for infant and primary school age children. The complete suite of six programs.

**Teddy Bear Under 5's / Frog 5 -7 Years / Robot Over 7 Years**

Description	Price	Order No
TEDDY DISK	£17.99	AM177
FROG DISK	£17.99	AM178
ROBOT DISK	£17.99	AM179

**AMIGA FORMAT MAIL ORDER**

Name	Description	Price	Order No
Address			
Postcode			
Phone number			

Method of payment (please circle) Access • Visa • Cheque • PO **TOTAL ORDER**

Credit Card No

Expiry date  **Please make all cheques payable to Future Publishing Limited**

**SEND THIS FORM TO: Amiga Format, Future Publishing Ltd, Freeport, Somerton, Somerset, TA11 7BR**

No stamp required if posted in the UK, Channel Islands or the Isle of Man

• For overseas orders call Nikki for prices on 0458 74011



YOU'RE ALWAYS  
BETTER OFF  
BUYING  
DIRECT  
FROM

# TRILOGIC AMIGA Supermarket

ORDER  
HOTLINE  
0274 691115

WRITE OR PHONE  
FOR FREE  
AMIGA SUPERMARKET  
CATALOGUE  
Includes prices, more offers  
and over 1000s of titles  
& printer leads in  
it.

## HOW TO ORDER

ALL PRICES INCLUDE VAT  
— NO HIDDEN EXTRAS

► CARRIAGE  
ALL PRICES INCLUDE DELIVERY  
Optional Express delivery £2.99  
Per order  
Guaranteed next day working day  
delivery £6.99 per order  
(UK mainland, exc. Scottish Highlands)

► FREE NEXT DAY DELIVERY  
ON ORDERS OVER £500

► EXPORTS a speciality — add £1.99  
for surface mail or £3.99 for airmail  
(Computers, monitors & printers —  
phone for carriage charges)

► TO ORDER BY MAIL  
— PROMPT DESPATCH \*  
Please send your order & payment by  
Cheque, POs (payable to TRILOGIC) or  
C/card number to the address below.

► TO ORDER BY PHONE OR FAX  
— PROMPT DESPATCH  
Simply quote your c/card details, name  
& address & your order & leave the  
rest to us. You are not charged until the  
goods are despatched

ENQUIRIES ► 0274 678062  
FAX LINE ► 0274 600150

**TRILOGIC**  
Dept. A.F., Unit 1  
253 New Works Road  
Bradford, BD12 0QP



MANY MORE  
ITEMS IN STORE!

## AMIGA A500 SCREEN GEMS

### PACK 1

- A500 WITH 1.3 WORKBENCH
- 512K RAM • MOUSE
- BUILT-IN 3.5" DISK DRIVE
- TV MODULATOR
- ALL MANUALS & CABLES

### PLUS

- BACK TO THE FUTURE II
- DAYS OF THUNDER
- SHADOW OF THE BEAST II
- KNIGHTBREED • DELUXE PAINT II

PLUS - unique to TRILOGIC

- FREE TUTORIAL VIDEO ►►►
- Shows you how to connect & use your Amiga WORTH £14.99

PACK 1 ► **£369.99**

- WITH 1 MEG RAM ..... £394.99
- WITH 10 STAR PACK ..... £399.99
- WITH 10 STAR PACK & 1 MEG £424.99

### PACK 2

PLUS PHILIPS CM8833  
mk 2 COLOUR MONITOR

- CONNECTING LEAD
- MEDIUM RESOLUTION
- OVER 4096 COLOURS
- RGB & VIDEO INPUTS
- TWIN STEREO SPEAKERS
- STEREO HEADPHONE SOCKET
- GREEN SCREEN SWITCH
- 14" SCREEN

PACK 2 ► **£599.99**

- WITH 1 MEG RAM ..... £624.99
- WITH 10 STAR PACK ..... £629.99
- WITH 10 STAR PACK & 1 MEG £649.99



OTHER PACKS  
AVAILABLE  
PLEASE PHONE  
FOR DETAILS

### FREE VIDEO

This highly acclaimed video, produced by us, especially for first time Amiga buyers, takes you through everything from connecting up your Amiga backing up Workbench, formatting disks, installing 1/2 meg expansions & other peripherals - demos of other Trilogic products. Free with any Amiga pack, or available separately for £14.99 + 75p postage

### CALLERS WELCOME

Callers are welcome - but please phone to check availability.  
**FREE JOYSTICK**  
With every Amiga collected  
**FREE PAPER**  
free pack of paper with every printer collected

### INTERNAL 4 MEG RAM CARD

Fits into the A500's 1/2 meg slot, & has battery backed clock. Compatible with 1.2 & 1.3 Workbenches, & old & new Agnu chips. Fully socketed — add 256 x 4 drams in 512k steps whenever you want 1.2 workbench A500s require minimum of 2 megs to be installed! No soldering required. (Fitting will invalidate the warranty — as the gary chip must be refitted into an adaptor!)

Available unpopulated or with chips for you to fit. Complete with comprehensive instructions & utility disk.

- UNPOPULATED BOARD ..... £89.99
- WITH 1 MEG RAM CARD ..... £129.99
- WITH 2 MEG RAM CARD ..... £159.99
- WITH 3 MEG RAM CARD ..... £189.99
- WITH 4 MEG RAM CARD ..... £219.99

### MONITORS

- PHILIPS CM8833 Mk2
- 14" SCREEN ..... £239.99
- HIRES, 41mm DOT PITCH
- TWIN STEREO SPEAKERS
- STEREO HEADPHONE SOCKET
- COMPATIBLE WITH AMIGA, ATARI-ST, C64, PC (CGA) VCRs ETC.

COMMODORE 1084S  
Similar spec & picture ..... £255.99  
quality to the 8833

INTERQUAD HIRES £299.99  
ONLY WHILE STOCKS LAST!

- SUPERBLY SHARP PICTURE
- 14" SCREEN, MULTISYNC
- VERY HIRES, 31mm DOT PITCH
- SWIVEL/TILT BASE
- COMPATIBLE WITH AMIGA, ST (all 3 modes), PC (CGA, VGA)
- FLICKER FIXER COMPATIBLE
- NO AUDIO — use our Miniamp 4 or 5 stereo systems

MONITOR PLINTH 1 £24.99  
MONITOR PLINTH 2 £32.99

These steel plinths fit over the A500 & have a cut-out for access to the disk drive - holes for mouse & joystick extension cables (£6.99 extra). Will support any size of tv or monitor. Type 2 less a shelf under the monitor for external disk drives etc.

### SUNDRY ITEMS

- XCOPY PROFESSIONAL  
Very effective floppy & hard disk back-up utility, with Cyclone drive adaptor ..... £35.99
- AMIGA TRACKERBALL  
SAVE £5.00 ..... £49.99
- MOUSE JOYSTICK —  
Change-over switch ..... £15.99
- SONY BULK DS/DD DISKS  
& LABELS Pack of 25  
3.5" 100 SIZE Lockable disk-box + 10 Sony disks ..... £15.99

### A590 HARD DRIVE

NEW LOW PRICE **£289.99**  
Available with upto 2meg of ram installed.

WITH 1 MEG RAM **£319.99**

WITH 2 MEG RAM **£349.99**

The A590 offers 20 megabytes of disk storage + upto 2megs of fast ram. It is autobooting — so you won't need to use the workbench disk again. Complete with power supply. Post free.

### EXTERNAL 3.5" DISK DRIVE

**£59.99**

- 880K FORMATTED 1 MEG UNFORMATTED
- SLIMLINE CASE
- ON/OFF SWITCH
- THROUGH PORT FOR CONNECTION OF ADDITIONAL DRIVES
- LOW POWER CONSUMPTION
- EXTREMELY QUIET OPERATION
- VERY RELIABLE MECHANISM

ALSO AVAILABLE  
QTEC AMIGA 3.5" DRIVE ..... £69.99  
QTEC AMIGA 5.14" DRIVE ..... £99.99  
INTERNAL REPLACEMENT DRIVE  
(Chinon type only) ..... £79.99

Product 9.001. Ordering with any Amiga Pack

### PRINTERS

- STAR LC20 ... £159.99  
9 pin head, 4 fonts, 144 cps draft, 36cps NLQ, condensed, double & quadruple sizes, 240dpi graphics, single sheets or continuous paper.
- STAR LC200 ..... £209.99  
New 9 pin colour printer which replaces the LC10 colour.
- STAR LC24-200 ..... £254.99  
New 24 pin printer which replaces the LC24-10 printer.
- STAR LC24-200 colour ..... £299.99  
Completely new 24 pin colour.
- CITIZEN 120D + .. £144.99.  
Good budget 9 pin printer, 120 cps draft & 24cps NLQ, 2 fonts & print sizes. Single sheets or continuous paper. Low cost ribbons.

### WORDPROCESSING

- KINDWORDS 2 ..... £39.99
- PAGESSETTER 2 ..... £49.99
- PENPAL ..... £89.99
- PROTEXT V5 ..... £129.99

### MUSIC SUPERSAVERS

- SONIX Music composition, using Amiga keyboard, with Midi .... £49.99
- AUDIOMASTER 3 Superb stereo sampling software ..... £54.99
- STEREO SAMPLER 2 with our new stereo sampling software £39.99
- DR T's TIGER CUB Easy to use 12 track Midi sequencer ..... £59.99

### SPECIAL OFFERS

- MIDI INTERFACE 2 with in, out, thru & 2 switchable out or thru sockets. Inc lead Save £5.00. .... £29.99
- MIDI 2 + TIGER CUB —  
Save £10.00 ..... £74.99
- MUSIC X JNR + MIDI 2 £79.99
- MINIAMP 4 STEREO SYSTEM complete. Save £5.00. .... £39.99

### DESKTOP VIDEO PERIPHERALS

- DIGIVIEW GOLD V4 ..... £99.99
- VIDI + VIDICHROME ..... £119.99
- RENDALE 8802 genlock ..... £189.99
- DIGIPAIN 3 ..... £49.99
- DIGIVIEW + DIGIPAIN 3 £144.99

### 1/2 MEG UPGRADE

- (WITHOUT CLOCK & BATTERY) **£33.99**
- CLOCK & BATTERY
- ON/OFF SWITCH
- EASY TO FIT
- ALL CHIPS SOCKETED
- DOES NOT INVALIDATE THE A500 WARRANTY

(WITH CLOCK & BATTERY) **£37.99**

### AMIGA TV & MONITOR LEADS

As recommended by Commodore & Sony if your tv has a RGB socket — throw away the modulator & connect one of our leads for a far superior picture

All our leads give all 4096 colours, & fit most TV Monitors including most Sony models. The audio lead is included giving stereo with stereo TVs. All leads approx 1.5m long - add £1.50 per metre for longer made to order leads. These leads are suitable for all Amigas. Many other leads are available — please enquire.

- AL1. AMIGA TO SCART ..... £12.99
- AL2. AMIGA TO DIN PLUG FOR FERGUSON Mc01/Mc05 etc .... £12.99
- AL4. AMIGA TO HITACHI/GRANADA 7 PIN DIN PLUG ..... £12.99
- AL6. AMIGA TO AMSTRAD CPC MONITOR 6 pin DIN SOCKET. £11.99
- MODULATOR EXTENSION LEAD reduces modulator overhang ... £10.99

### AMIGA PRINTER CABLES

- AMP1 PARALLEL 1.5m LONG ... £8.99
- AMP2 PARALLEL 3m LONG ... £10.99



# WIN THREE MONITORS!

3 monitors and 20 copies of Atomix up for grabs in our Wings of Death compo – worth over £1200.



Three lucky competition winners will soon be viewing their Amiga screens on a brand new Philips CM 8833 monitor, while 20 runners-up can get to grips with Thalion's fascinating puzzle game Atomix.

Thalion's first game, Atomix, has been followed by a corking shoot-em-up called Wings of Death which was reviewed last month and awarded an excellent 76% rating. It's clearly gone to their heads because to celebrate they're giving away three Philips monitors worth £300 each – and jolly nice they are too.

All these lovely goodies can be yours just by answering three simple questions loosely based on the themes of wings, death, Thalion and anything else that occurred to me on the spur of the moment.

## QUESTIONS

1. What well-known scientist appears on the title screen of Atomix?
- Albert Einstein
  - Edd the Duck
  - Johnny Ball

2. Which bird do sailors consider it bad luck to kill?
- Pigeon
  - Cuckoo
  - Albatross

3. What was the name of Howard Hughes' ill-fated transport plane that is still the biggest aircraft ever to fly?
- the Fir Duck
  - the Spruce Goose
  - the Pine Penguin

## RULES

Employees of Future Publishing and Thalion are not allowed to enter. The judges' decision is final. No correspondence will be entered into.

## HOW TO ENTER

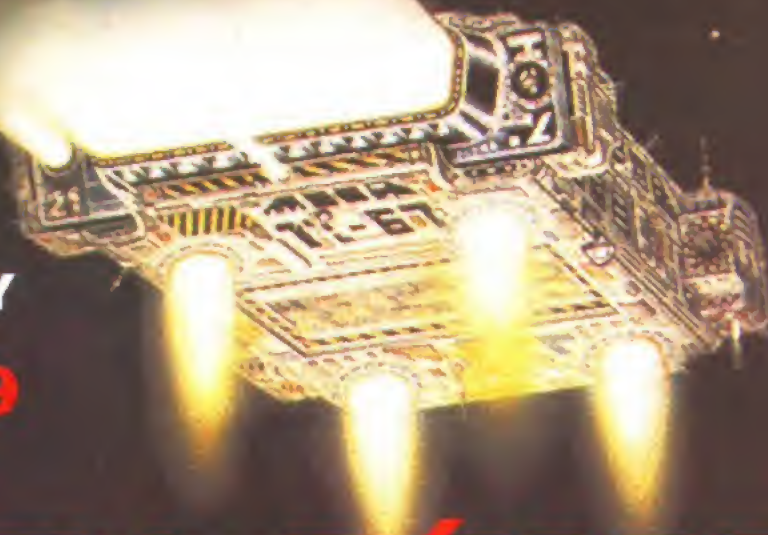
Write the answers to the following three questions on the back of a postcard or stuck-down-envelope and send it to: Wings of Death Compo, Amiga Format, 30 Monmouth Street, Bath BA1 2BW. The entries should reach us by February 15th and don't forget to include your name, address and phone number on the postcard.



# A NEW WORLD OF POWER

THE ANSWER  
TO YOUR  
DISK  
DUPLICATION  
PROBLEMS

FOR ONLY  
**£34.99**



## THE **SYNCR0 EXPRESS II** IS HERE!

- SYNCRO EXPRESS IS A HIGH SPEED DISK DUPLICATION SYSTEM THAT WILL PRODUCE COPIES OF YOUR DISK IN AROUND 50 SECONDS!!
- Syncro Express requires a second drive & works by controlling it as a slave device & ignoring the ST or Amiga disk drive controller chip whereby high speeds & great data accuracy are achieved.
- Menu driven selection for Start Track/End Track - up to 80 tracks. 1 side, 2 sides.
- Very simple to use, requires no user knowledge.
- Also duplicates other formats such as IBM, MAC etc.
- Ideal for clubs, user groups or just for your own disks.
- No more waiting around for your disks to copy.
- Probably the only duplication system you will ever need!

### THE LATEST CUSTOM LSI CHIP TECHNOLOGY

By using an on-board Custom LSI Chip, Syncro Express has the power to transfer an MFM image of the original disk directly to your blank disk - quickly, simply and without any user knowledge. One external disk drive is required\*.



### SYNCR0 EXPRESS IS AVAILABLE FOR BOTH THE ST AND AMIGA SYSTEMS - PLEASE STATE WHICH REQUIRED WHEN ORDERING

**WARNING 1988 COPYRIGHT ACT WARNING**  
 Datel Electronics Ltd. neither condones nor authorises the use of its products for the reproduction of copyright material.  
 The backup facilities of this product are designed to reproduce only software such as Public Domain material, the users own programs or software where permission to make a backup has been clearly given. It is illegal to make copies, even for your own use, of copyright material, without the express permission of the copyright owner, or the licensee thereof.

**If you don't have a second drive we can supply SYNCRO EXPRESS together with a drive for**  
**ONLY £104.99 (AMIGA)**  
**ONLY £119.99 (ST)**

**HOW TO GET YOUR *SYNCR0 EXPRESS II***  
**TELEPHONE (24 Hrs) - 0782 744707 - CREDIT CARD ORDERS**

WE WILL DESPATCH YOUR ORDER QUICKLY & EFFICIENTLY TO ENABLE YOU TO START RECEIVING THE BENEFITS OF YOUR PURCHASE WITHIN DAYS, NOT WEEKS.  
 ORDERS NORMALLY DESPATCHED WITHIN 48 Hrs. ALL CHEQUES/POSTAL ORDERS MADE PAYABLE TO...



**DATEL ELECTRONICS LTD.**



**GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND**  
**TECHNICAL/CUSTOMER SERVICE 0782 744324**



# DATEL ELECTRONICS



## AMIGA PRO SAMPLER STUDIO II + DATEL JAMMER

- New design hardware now plugs into expansion socket of A500 completely freeing the parallel port.
- Surface mount technology, twin A/D converters for realtime stereo sampling.
- Extensive filters for extremely clean and noise-free sampling.
- Through bus allows existing add ons, e.g. hard drive.
- The NEW Sampler II software has been completely re-written in 100% Machine Code and incorporates faster routines, bigger displays and many new editing features such as Cut, Copy, Insert, Replace, Mix, Erase, etc.
- Separate zoom windows and controls for left and right channels.
- Multi-bank facilities for 1 Meg users.
- Stereo lock control.
- Adjustable trig record level and sound monitor.
- Separate buffer for editing waveforms and improved wave-editor with instant update.
- Save files in Raw or single, multi-octave IFF format.
- Envelope control panel for ramping up and down re-scale amplitude, noise filter and scan waveform.
- On screen display of filenames sample rate, length, etc.
- Inputs for microphone or line 1/4" jack and DIN connections at rear of unit.

**STEREO SAMPLING**

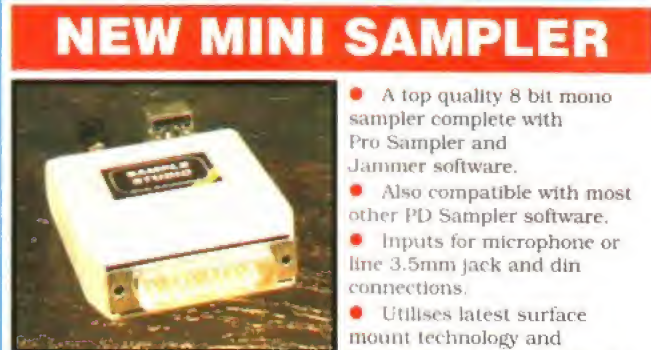
**NOW ONLY £69.99 COMPLETE (A500)**  
INTERNAL 2000 VERSION ALSO AVAILABLE



## CUMANA CAX 354 3.5" DISK DRIVE

- Legendary Cumana quality now at an even lower price!
- Throughport allows daisy-chaining other drives.
- A full 1 meg unformatted capacity (880K formatted).
- Good length cable provided for convenient positioning on your desk etc.
- High precision head positioning.
- On/Off switch.
- Extremely quiet click free operation.

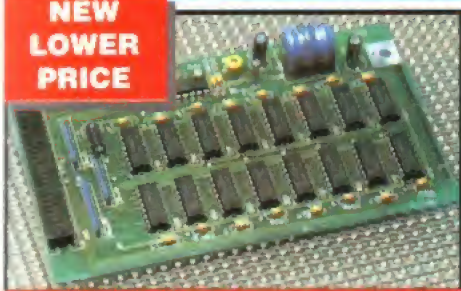
**NEW LOW PRICE ONLY £69.99**  
IF NEXT DAY COURIER DELIVERY IS REQUIRED THEN PLEASE ADD £5



## NEW MINI SAMPLER

- A top quality 8 bit mono sampler complete with Pro Sampler and Jammer software.
- Also compatible with most other PD Sampler software.
- Inputs for microphone or line 3.5mm jack and din connections.
- Utilises latest surface mount technology and incorporates all the features found on bigger, more expensive samplers.
- Easy to use - just plug in and start sampling!

**ONLY £24.99**  
COMPLETE PLEASE STATE A500/1000/2000



## 512K RAM EXTENSION CARD

- If you can obtain your own Ram chips, we can supply the card.
- Accepts 16 x 41256 D Rams.
- Available with/without clock option.
- Switch disable feature.

**NOW ONLY £14.99**  
**NOW ONLY £19.99**  
FOR VERSION WITH CLOCK/CALENDAR  
N.B. THESE PRICES DO NOT INCLUDE RAM CHIPS.

## REPLACEMENT MOUSE



**NEW LOWER PRICE**

- High quality direct replacement for mouse on all Amigas.
- Teflon glides for smoother movement.
- Rubber coated ball for minimum slip.
- Optical system counting - 500/mm.

**Special offer - FREE Mouse Mat + Mouse House (worth £7.99)**  
**NOW ONLY £24.99 COMPLETE**

## MIDIMASTER



**NEW LOWER PRICE**

- Full Midi Interface for A500/1000/2000 (please state model).
- Midi In - 3 x Midi Out plus Midi Thru.
- Compatible with all leading Midi packages (In D/Music).
- Fully Opto isolated.

**NOW ONLY £29.99**  
**INC. 2 FREE MIDI CABLES**

## BOOT BLOCKER



- NOW YOU CAN END YOUR VIRUS PROBLEMS!
- Protects both internal and all external drives from virus damage.
- Switch to enable/disable protection.
- Plugs into Amiga Disk Drive Port.
- Works to with all known Boot Block Viruses.

**ONLY £14.99**

## MICROMIDI



- Fully compatible Midi Interface for A500/2000.
- MIDI In - MIDI Out - MIDI Thru.
- Fully Opto isolated.

**NOW ONLY £19.99**

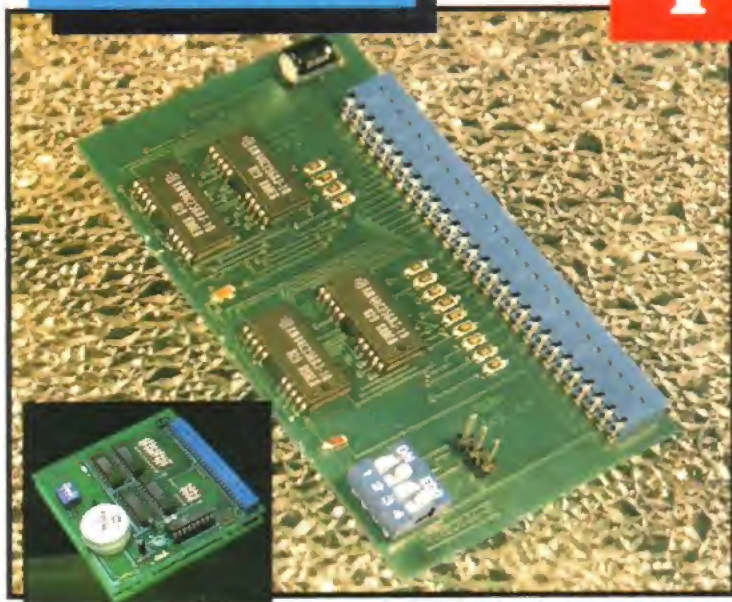


# MORE MEMORY POWER!

NOW YOU CAN ADD UP TO 1.5 MEGS TO YOUR AMIGA AT THE LOWEST PRICES EVER!!

UNIQUE FASTMEM/  
CHIPMEM OPTION\*

## PRO-RAM PLUS™



- THE FIRST RAM UPGRADE CARD TO OFFER THE UNIQUE FASTMEM OR CHIPMEM OPTION AT THE FLICK OF A SWITCH\*. NOW YOU CAN HAVE THE EXTRA SCREEN HANDLING ABILITY OF THE A2000 - PLUS LOTS MORE!!
- Simply plug into your Amiga A500 and upgrade to a full 1 Meg in minutes!!
- Features the latest 1 Meg DRams. Low chip count means very low power consumption. No bigger than a Credit Card!!
- Top quality high grade PCB and connector to give unmatched reliability - 12 months guarantee.
- Switch to enable/disable plus "ChipMem" option\*.
- Now you can run ALL Amiga 1Meg programs.
- Also available with clock/calendar option.
- Easily fitted into the slot under any A500 - does not affect warranty.

NOW ONLY £29.99 STANDARD VERSION  
£39.99 FOR CLOCK VERSION

### \*CHIPMEM OR FASTMEM OPTION

#### 2 MEG DEMO DISK WITH EACH RAM-MASTER II

- Yes, if your Amiga was bought in the last 12 months and has KICKSTART 1.3 then it probably has the 'fatter' 1 Meg AGNUS Chip. Even though this was not publicised by Commodore, those machines with the '02' AGNUS, have 1 Meg Chip Ram ability. The PRORAM PLUS™ board can be configured to give 512K of extra Chip Memory OR Fast Memory at the flick of a switch.
- With 1 Meg of Chip Memory you can do lots of things previously only available on the A2000 - more HiRes screens, multitasking graphics programs, CAD, DTP, larger sound samples, etc., etc.
  - Remember, no other cards offer this unique feature.
  - \* One simple soldering job is required to enable the "ChipMem" feature.
  - † Opening your A500 may invalidate your warranty.

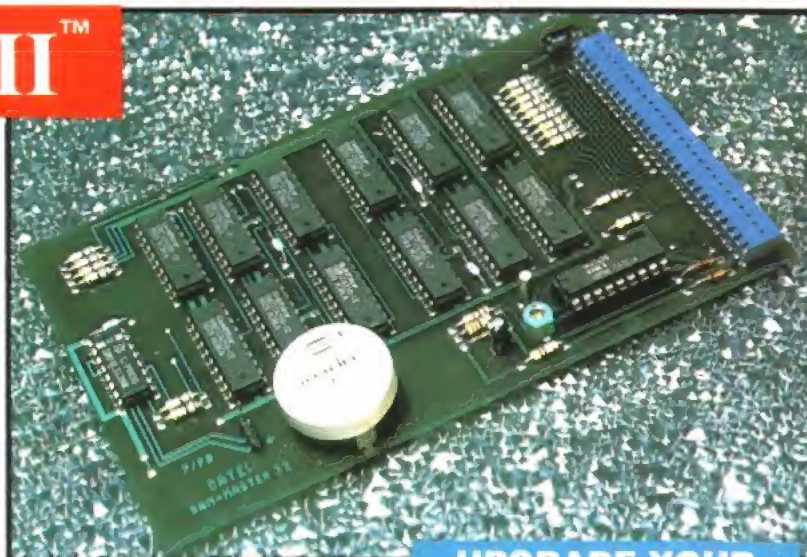
EVEN IF YOU DON'T HAVE THE LATEST AGNUS CHIP THE PRORAM PLUS™ WILL STILL GIVE YOU THE FASTRAM OPTIONS OFFERED BY OTHER BOARDS AND AT AN UNBEATABLE PRICE - YOU JUST CAN'T BEAT THESE DEALS!!



FREE!

## RAM-MASTER II™

- IF YOU NEED EVEN MORE POWER THEN THE RAM-MASTER II™ IS FOR YOU!!
- Adds an extra 1.5 Megs to your A500 (giving a total free memory of 2 Megs).
- Uses the latest 1 Meg DRams resulting in extra low power consumption.
- Ram-Master II needs Kickstart 1.3 onwards.
- Complete with onboard clock/calendar.
- Top quality connections used throughout.
- Comes with 12 months guarantee.
- Easily fitted into the slot under your A500 - requires no soldering (the cover of your A500 must be removed for fitting "plug in" connector #)



NOW ONLY £99.99 WITH 1.5 MEGS OF RAM  
ONLY £39.99 FOR CARD WITHOUT RAM

UPGRADE YOUR  
A500 TO 2 MEGS!

### HOW TO GET YOUR ORDER FAST...

TELEPHONE (24 Hrs) - 0782 744707 - CREDIT CARD ORDERS

WE WILL DESPATCH YOUR ORDER QUICKLY & EFFICIENTLY TO ENABLE YOU TO START RECEIVING THE BENEFITS OF YOUR PURCHASE WITHIN DAYS, NOT WEEKS. ORDERS NORMALLY DESPATCHED WITHIN 48 Hrs. UK ORDERS POST FREE/EUROPE ADD £1/OVERSEAS ADD £3. ALL PRICES INCLUDE V.A.T. PRICES AND SPECIFICATIONS CORRECT AT TIME OF PRESS AND SUBJECT TO CHANGE WITHOUT NOTICE. CALLERS WELCOME - Please reserve goods by telephone prior to visit. ALL CHEQUES/POSTAL ORDERS MADE PAYABLE TO...

DATEL ELECTRONICS LTD.,

GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND  
TELEPHONE SALES ONLY 0782 744707 FAX 0782 744292 TECHNICAL/CUSTOMER SERVICE 0782 744324



# A TOP QUALITY 400 DPI HANDY SCANNER FOR THE AMIGA AT A TRULY UNBEATABLE PRICE!!



**NEW VERSION III SOFTWARE**

**SCANNING COULDN'T BE SIMPLER...**

**NEW FEATURES...** IFF Buffer Save 1600 x 1024 pixels, dual buffer and scan matching for 1 Meg users, view Buffer and NEW interlace version of software. Full keyboard control of most functions. Includes hard disk transfer to run under Workbench.

- Unmatched range of edit/capture facilities and keyboard control simply not offered by other scanners at this unbeatable price.
- An easy to handle Handy Scanner featuring 105 mm scanning width and 400 dpi resolution enables you to scan graphics and text into your Amiga.
- Adjustable switches for brightness/contrast levels.
- Powerful partner for DTP that allows for cut and paste editing of images etc.
- GeniScan gives you the ability to easily scan images, text and graphics and even offers 200Dpi Dual Scan Mode.
- Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.

**ONLY  
£149.99**

**COMPLETE  
HARDWARE/SOFTWARE**



- Package includes GS4500 scanner, Interface, Power Pack and Scan Edit III software.

**GeniScan™  
GS 4500**

**COMES WITH  
FREE  
PHOTON PAINT**

- Comes complete with Photon Paint Illustrator Software.
- Huge range of features.
- Top selling graphics package.



## ... NOW A TRUE OPTICAL MOUSE! FOR THE AMIGA

- **YES A FULL FEATURE OPTICAL MOUSE FOR YOUR AMIGA - THAT MEANS NO MOVING PARTS!**
- Incorporating full optical tracking and counting - no ball so no problems with clogging, slipping, etc.
- High count output for very fine movement.
- Two button microswitch action.
- Direct replacement for all Amigas.
- Comes complete with special "Optical Pad".
- Superbly styled - supersmooth shape.



- Moulded to fit the hand, perfectly ergonomic design.
- Comes complete with moulded 9 pin connector.
- Supplied with FREE mouse holder.
- No more to buy!!

**COMPLETE ONLY £39.99**

**HOW TO GET YOUR ORDER FAST...**

**TELEPHONE (24 Hrs) - 0782 744707 - CREDIT CARD ORDERS**



WE WILL DESPATCH YOUR ORDER QUICKLY & EFFICIENTLY TO ENABLE YOU TO START RECEIVING THE BENEFITS OF YOUR PURCHASE WITHIN DAYS, NOT WEEKS.

ORDERS NORMALLY DESPATCHED WITHIN 48 Hrs. ALL PRICES INCLUDE V.A.T. UK ORDERS POST FREE/EUROPE ADD £1-OVERSEAS ADD £3. ALL PRICES INCLUDE 15% V.A.T. PRICES AND SPECIFICATIONS CORRECT AT TIME OF PRESS AND SUBJECT TO CHANGE WITHOUT NOTICE. CALLERS WELCOME - Please reserve goods by telephone prior to visit. ALL CHEQUES/POSTAL ORDERS MADE PAYABLE TO...

**DATTEL ELECTRONICS LTD.,**

**GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND**

**TELEPHONE SALES ONLY 0782 744707**

**FAX 0782 744292**

**TECHNICAL/CUSTOMER SERVICE 0782 744324**



# THE WORLD'S MOST POWERFUL NOW EVEN



**AMIGA ACTION REPLAY SIMPLY PLUGS INTO THE  
EXPANSION PORT OF YOUR AMIGA AND GIVES YOU THE  
POWER TO FREEZE MOST ANY PROGRAM**

## JUST LOOK AT THE UNMATCHED RANGE OF FEATURES

### ◆ SAVE THE ENTIRE PROGRAM IN MEMORY TO DISK

Special compacting techniques enable up to 3 programs to fit on one disk. Now saves directly to disk as Amiga Dos - reloads independently of the cartridge - even transfer to hard drive! Works with up to 2 Megs of Ram - even 1 Meg Chip Mem (Fatter Agnus).

### ◆ UNIQUE INFINITE LIFE/TRAINER MODE - NOW MORE POWERFUL

Allows you to generate more and even infinite lives, fuel, ammo, etc. Perfect as a trainer mode to get you past that "impossible" level. Very easy to use.

### ◆ IMPROVED SPRITE EDITOR

The full Sprite Editor allows you to view/modify the whole sprite set including any "attached" sprites. RANGE OF IMPROVED FEATURES.

### ◆ VIRUS DETECTION

Comprehensive virus detection and removal features to protect your software investment. Works with all presently known viruses.

### ◆ SAVE PICTURES AND MUSIC TO DISK

Pictures and sound samples can be saved to disk. Files are saved directly IFF format suitable for use with all the major graphic and music packages. Samples are displayed as screen waveform.

### ◆ SLOW MOTION MODE

Now you can slow down the action to your own pace. Easily adjustable from full speed to 20% speed. Ideal to help you through the tricky parts!

### ◆ RESTART THE PROGRAM

Simply press a key and the program will continue where you left off.

### ◆ FULL STATUS REPORTING

At the press of a key now you can view the Machine Status, including Fast Ram, Chip Ram, RamDisk, Drive Status, etc.

### ◆ POWERFUL PICTURE EDITOR

Now you can manipulate and search for screens throughout memory. Over 50 commands to edit the picture plus unique on screen status "overlay" shows all the information you could ever need to work on screens. No other product comes close to offering such dynamic screen handling of frozen programs!!

### ◆ MUSIC SOUND TRACKER

With Sound Tracker you can find the complete music in programs, demos, etc. and save them to disk. Saves in format suitable for most track player programs. Works with loads of programs!!

### WARNING 1988 COPYRIGHT ACT WARNING

Datel Electronics Ltd., neither condones or authorizes the use of its products for the reproduction of copyright material.

The backup facilities of this product are designed to reproduce only software such as Public Domain material, the users own programs or software where permission to make backups has been clearly given. It is illegal to make copies, even for your own use, of copyright material, without the clear permission of the copyright owner, or the licensee thereof.



# FREEZER-UTILITY CARTRIDGE BETTER!!

## Amiga Action Replay

STILL ONLY  
**£59.99**

POST FREE  
FOR THE A500/1000

A2000 VERSION  
AVAILABLE  
**£69.99**

PLEASE STATE WHICH COMPUTER  
YOU HAVE WHEN ORDERING

### THE NEW **MK II** VERSION IS HERE!!

NOW WITH A MASSIVE 128K OPERATING SYSTEM IN ROM OFFERING  
EVEN MORE COMMANDS...

#### ● AUTOFIRE MANAGER

From the Action Replay II preference screen you can now set up autofire from 0 to 100%. Just imagine continuous fire power? Joystick 1 and 2 are set separately for that extra advantage!

#### ● DISKCODER

With the new "Diskcoder" option you can now 'tag' your disks with a unique code that will prevent the disk from being loaded by anyone else. 'Tagged' disks will only reload when you enter the code. Very useful for security.

#### ● PREFERENCES

Action Replay II now has screen colour preferences with menu setup. Customise your screens to suit your taste. Very simple to use.

#### ● DISK MONITOR

Invaluable disk monitor - displays disk information in easy to understand format. Full modify/save options.

#### ● DOS COMMANDS

Now you have a selection of DOS commands available at all times - DIR, FORMAT, COPY, DEVICE, etc.

#### ● DISK COPY

Disk Copy at the press of a button - faster than Dos Copy. No need to load Workbench - available at all times.

#### ● BOOT SELECTOR

Either DF0 or DF1 can be selected as the boot drive when working with Amiga Dos disks. Very useful to be able to boot from your external drive.

**PLUS A MACHINE CODE FREEZER MONITOR WITH EVEN MORE POWER!!**

MORE FEATURES INCLUDING 80 COLUMN DISPLAY AND 2 WAY SCROLLING...

- Full M68000 Assembler/Disassembler
- Full screen editor
- Load/Save block
- Write String to memory
- Jump to specific address
- Show Ram as text
- Show frozen picture
- Play resident sample
- Show and edit all CPU registers and flag
- Calculator
- Help command
- Full search feature
- Unique Custom Chip Editor allows you to see and modify all chip registers - even write only registers!
- Notepad
- Disk handling - show actual track, Disk Sync. pattern etc.
- Dynamic Breakpoint handling
- Show memory as HEX, ASCII, Assembler, Decimal
- Copper Assemble/Disassemble - now with suffix names

**REMEMBER AT ALL TIMES YOU ARE INTERROGATING THE PROGRAM IN IT'S  
"FROZEN" STATE WITH ALL MEMORY AND REGISTERS INTACT**

**- INVALUABLE FOR DE-BUGGING  
OR JUST THE INQUISITIVE!**

## HOW TO GET YOUR ACTION REPLAY II **FAST...**

TELEPHONE (24 Hrs) - **0782 744707** - CREDIT CARD ORDERS

WE WILL DESPATCH YOUR ORDER QUICKLY & EFFICIENTLY TO ENABLE YOU TO START RECEIVING THE BENEFITS OF YOUR PURCHASE WITHIN DAYS, NOT WEEKS.  
ORDERS NORMALLY DESPATCHED WITHIN 48 Hrs. ALL PRICES INCLUDE V.A.T. ALL CHEQUES/POSTAL ORDERS MADE PAYABLE TO:

**DATTEL ELECTRONICS LTD.**

GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND

TECHNICAL/CUSTOMER SERVICE 0782 744324





# PROTEXT 5.0

Five years to the month after Prototext version 1 was launched Arnor are pleased to present version 5, an enormous leap forward in both ease of use and performance.

Prototext 5.0 introduces a completely integrated system of pull down menus and dialogue boxes. The menus are among the many operations that may now be carried out with either the mouse or the keyboard. Prototext really does give you the best of both worlds.

Prototext 5.0 handles printer fonts flexibly and accurately. You can make full use of any number of proportional printer fonts, mix them freely within any line, centre them in headers, use automatically formatted footnotes. And Prototext correctly formats your text as you type it, no matter how many font changes you use, showing you line and page breaks exactly as they will be printed.

Prototext 5.0 is still the fastest word processor around. Even though we have made all these major improvements we have taken great care to ensure that text editing is as fast as ever. The menus work smoothly and quickly even with high resolution displays. But of course, you can use Prototext's efficient set of commands and keys just as before and 5.0 remains compatible with all earlier versions from 1.0 onwards.

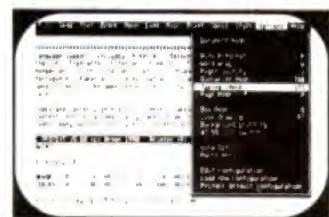
Prototext 5.0 is a worthy successor to version 4, which was described as "the best word processor at any price", "the best text processor on the Amiga" and "the most powerful word processor on the Atari ST" (AUI, ST/Amiga Format, ST User).

Prototext 5.0 heralds a new era of multi-lingual European software, in time for 1992 and the opening up of Eastern Europe. Prototext may be used in at least 27 different languages and has 10 different national keyboard layouts built in (plus the capability to define your own symbols and keyboard layouts).



## The Features

➤ **New fast & easy to use pull down menu system** with dialogue boxes and alerts; file selector; mouse dragging to set blocks. Menus complement existing commands and keyboard shortcuts, do not replace them. Menus may be used with mouse or keyboard. Amiga version follows Intuition guidelines.



➤ **Enhanced printing capabilities** supports multiple proportional fonts; mixing of different font sizes on the same line; proportional formatting whilst editing; side margin, headers and footers independent of main text font. Tabs, decimal tabs and centre tabs. Extensive range of printer drivers supplied.

➤ **Multiple file editing** - up to 36 files may be open; split screen editing.

➤ **Graphics mode support** on PC allows use in virtually any text or graphics mode including 132 column or 75 line VGA modes; user defined characters and on-screen bold, italics and underlining now on all versions; use of 13 different accents on any character.

➤ **Language support includes** Albanian, Basque, Czech, Danish, Dutch, English, Esperanto, Estonian, Flemish, Finnish, French, German, Hungarian, Irish, Italian, Latin, Lithuanian, Norwegian, Polish, Portuguese, Rumanian, Serbocroatian, Slovak, Spanish, Slovene, Swedish, Welsh. (Note: some printers do not support all languages).

➤ **Index and contents** generation. Indexer takes marked words or phrases; contents entries automatically taken from titles wrapped in control codes; many options for style of contents output.

➤ **Spelling checker** features completely new 110,000+ word Collins dictionary with very fast phonetic lookup. Anagrams and find word pattern. Foreign language dictionaries (German, Swedish available now, others to follow).

➤ **Many other enhancements** including multi-line footnotes and endnotes; automatic timed save; add column or row of figures; indent tabs; find word at cursor; 40 column mode support; sentence operations; inter-paragraph space; much improved expression evaluator; self incrementing variables; Roman numerals; newspaper-style column printing; file sorting utility with special options for names and addresses; revised manual plus new tutorial guide.

➤ **And don't forget Prototext still includes** background printing; box manipulation; macro recording; exec files; headers and footers; find and replace; mail merging; undelete; file conversion utility; configuration program; auto reformatting; on screen help; time and date; typewriter mode; line drawing; disc utilities.

## Prices

Prototext 5.0 may be purchased from any good computer shop or directly from Arnor. Upgrades from earlier versions are only available from Arnor and the original discs should be returned with your order.

	PC	Amiga	ST/TT	Archimedes
Prototext 5.0	£149.95	£149.95	£149.95	£149.95
Upgrade from v4.2 from earlier versions	£60	£60	£60	N/A
Prototext 4.2	£75	£75	£75	N/A
Prodatta 1.1	£99.95	£99.95	£99.95	N/A
	£79.95	£79.95	£79.95	due 1991 Q1

### Notes:

Prototext 5.0 requires at least 640K of memory on all machines  
Prototext 4.2 requires at least 512K of memory on all machines  
Prodatta requires 1MB of memory on the Amiga

# ARNOR



## SELLOUT

Shock, horror, damn! Having read a letter by Ben Vincent in AF 16 about him having read AF 7 and being shown how to make a datalink cable (puff, puff) I now realise that I don't have the issue AND CANNOT ORDER IT.

I have three choices:

- Committing suicide.
- Ringing up friends in Mongolia to ask if I can borrow that copy.
- Going back in time to January 1990 and buying it.

Could you please repeat the instructions for the benefit of exasperated friends and myself?

**N Pollinger, Bournemouth**

Of course. Actually they were repeated in AF 12 but I'm a nice guy, so here they are again. The connectors are 25-pin D type female (assuming you are connecting two Amigas). The cable you use doesn't matter that much, but if it's fairly long, use twin core shielded cable: use the two core wires for connecting up pins 2 and 3 and the shield for pin 7.



**SELLOUT:** Lots of people still don't know how to get two computers talking to each other.

## MORE RAM

I have recently bought an Amiga and wish to upgrade it to 1 Meg of RAM. After reading the Testbench on memory upgrades I was more aware of which ones were cheap and cheerful but each one had some fault or other. So could you please answer these few questions:

- Would it be better to buy the official A501 from Commodore as opposed to an imitation?
- Would a cheaper imitation be more compatible with programs than an A501?
- Does the A501 have a disable switch attached?
- What is your opinion of the Technical Developments board,

# Workbench

You may not know the answer to tricky techie problems, but there is a man who does. Is **PAT McDONALD** the man who can? He most surely is...

advertised in AF 12 on Page 176? It has a five-year guarantee.

5) Which RAM expansion, in your opinion, is the best buy?

**Stuart Jones, Braintree**

1) No, because each and every half Meg RAM expansion behaves practically identically - and the A501 is ridiculously over-priced.

2) As noted above, RAM expansions behave virtually the same. The only difference between them is the speed of the chips, which is measured in nanoseconds - so an 80ns chip is faster than a 100ns chip. This is only important when upgrading to 1 Meg of chip RAM, because the chips have to run at the same speed (100ns or better).

3) No, it does not - I think.

Commodore never sent us one for the review.

4) Without actually having one to test, I have no opinion. We've reviewed everything we were sent. However, the advertising slags off other boards without naming them - and, as I've said before, the operational differences between half Meg RAM expansions are minute. Methinks Technical Developments are hype salesmen.

5) As I said in the review of the Ashcom half Meg board, "This is probably the best one to buy if you don't want to upgrade further for a long time". If you do want to upgrade further without buying a new board, then take a look at the BASEboard review in AF 18 - 4 Meg for £299.95 can't be bad.

## WHICH?

After reading the Testbench section on hard drives in AF 17, I wonder if you could advise me. I own a B2000 and intend to add 32-bit power to it, but I also need a hard drive.

I saw an advert for an A2091 SCSI hard card with a 40 Mb Quantum drive. For around the same price I could buy ADSCSI 50Mb hard card from Third Coast.

I want a drive which is fast and expandable. Of the above two, which would you recommend? Maybe you can think of a completely different board as an alternative for a similar price (£600-£700).

**Robert Hart, London**

**Continued overleaf**

## QUICK BLEEP

## PRIZE WINNER

This *Protexit* tip only works on machines with 1 Meg or more. When using the option of checking while typing, there is often an annoying pause

between making a mistake and the 'bleep' sounding - by which time you have usually realised your mistake and started deleting, which deletes half the word because of the pause!

This utility cuts that pause, and also makes looking up words quicker. By loading Preferences it is possible to change the time and date (which isn't necessary if a battery backed-up clock is present - delete line four of the following startup-sequence and the colon at the beginning of line 11).

Make a back-up of the *Protexit-Program-disc*, create a disk named 'Text' with the following files from the *Protexit-dict-util-disc*:

ARNORE2.DCT, ARNORENG.DCT, ARNORENG.QIK, ARNORENG.UWF, USER.DCT, USER.UWF. Then change the startup-sequence to the following:-

```
echo "Protexit v4.2 Program Disc (c) Arnor
1988,1989"
echo "1 MEG machines and above only. Howard
Frost, 1990."
```

```
addbuffers df0: 20
preferences
;
copy text:arnoreng.#?1#?.dct!#?.uwf ram:
;
setmap gb
; Remove the ; on the line after next to initiate
; battery backed up clock
; setclock opt load
isa500
echo "Loading PROTEXT ..."
run protexit
```

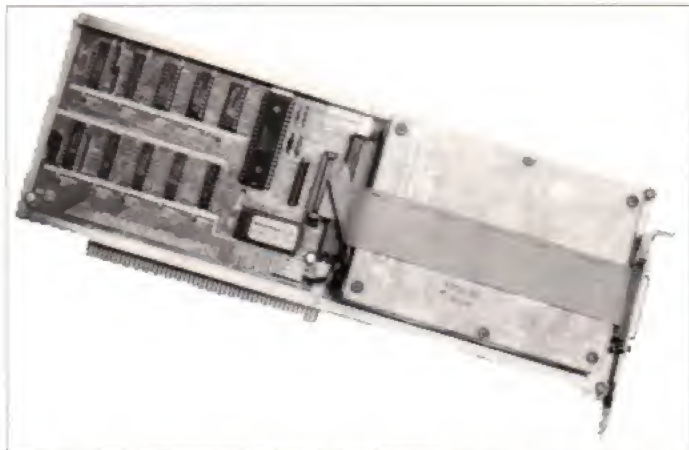
Just boot your machine with the *Protexit* disk in df0: and preferably the text disk in df1:. Mind you, this utility will work with single-drive machines, albeit with lots of disk swapping.

Another tip is that in the manual, on Page 86, is a description of how to use the two file editing system. It has taken me ages to find out how to get to the other file!

**Howard Frost, Camberley**

*A useful tip indeed. Well done - you win a £50 software voucher for your trouble.*





**From the previous page, WHICH?: The ADSCSI is the fastest hard disk controller, but cannot have extra memory added.**

From your letter you seem to want to buy an accelerator card (the 32-bit power reference). Now these work best with 32-bit memory, so on the assumption that you're willing to buy an accelerator card with some 32-bit memory, the ADSCSI is the better buy because it's the fastest that you can get. Plus you get 10 more Megabytes of storage for the same price.

But, you can't plug in extra memory onto the ADSCSI. You can plug in extra memory to the A2091. So it really depends on whether you want to be able to add extra memory by means of the hard card that you buy. Do bear in mind that the extra memory that you plug into an A2091 is 16-bit in nature - so an accelerator card would not work as fast it could otherwise do.

**NONE OF THAT**

HELP! I'm making a turtle as a school project, which is simple enough. The problem is that I do not know how to control it on the Amiga 500.

I've read in various books that the eight-pin parallel port would be the best to use for input/output, and that the BASIC commands I need are PEEK and POKE.

What I don't know is the address of the parallel port. I know it's between zero and 16,777,215 but this isn't very useful. I phoned Commodore, who told me to phone Ocean, who told me to phone back when their technical advisor was healthy.

Please tell me the number or I'll be forced to do the turtle on a BBC (aaarghh!) and a chainsaw attack on my computer.

**David Daniel Poole**

For goodness sake, this is the Nineties! Lots of versions of BASIC can talk to the parallel port without all that naughty PEEKing and POKEing. Look up the commands

OPEN, INPUT # and OUTPUT # in your Amiga BASIC manual. Here's a few programming examples to point you in the right direction:

```
OPEN "PAR:" FOR INPUT AS #3
OPEN "PAR:" FOR OUTPUT AS #4
INPUT #3, a$
OUTPUT #4, b$
```

**SCAN ON**

I am thinking of starting a magazine for a youth club and I was wondering what is the best way to get pictures onto my pages. I do not know whether to use a video digitiser or a hand-held scanner.

I am working on a low budget and there isn't a lot of space on my table (I know the feeling - Pat).

I have seen the adverts for the Naksha and Datel scanners but don't know which will be the best one to use as I will be printing on



**SCAN ON: The Datel Geni-scan is currently the only hand-held scanner available for the Amiga - unless you know different...**

a Citizen 120D+ printer. I am not looking for pixel perfection on the images, just good enough to be recognised. I will be grabbing images from colour photographs or small drawings.

Which of the above options is the best one to go for?

**Brian Jones Manchester**

Don't get a video digitiser. Although it could do the job, you would need a video camera as well - so you're looking at lots of cash. The Datel Geniscan 4000 was reviewed in AF10 where it received a thumbs up. The Naksha (or, similarly, Golden Image) model has not appeared as yet, so that really only leaves you with one logical choice - phone Datel on 0782 744324.

**TWO STUCK**

I have been wondering for a long time now how I can delete a directory from a disk. I'm stumped, I can't think of anything. I would be very, very grateful if you had a solution to my problem.

**Anish Patel London**

Directories can only be deleted if they're empty. So what you have to do is to get into the directory. So from the Shell or CLI, type:

```
CD directoryname
```

Where directoryname is replaced by the name of the directory. Now delete the contents by typing:

```
DELETE #?
```

Only when there's nothing left in a directory can you finally delete it by typing:

```
DELETE directoryname
```

And that should do the trick.

**SIMPLE PLEASE**

I am interested in the various gadgets, widgets and thingummy add-ons that are available and which you review, like extra memory, accelerator cards and disk drives. I want to plead with you to do something similar which more people will find more useful: a simple round-up of joysticks.

I've been around computers for a few years now and have owned a few different sticks, but there's so many to choose from nowadays. Is one better than the others? What's best for a flight sim? How about testing them out in some way?

**James Bleach Clacton-On-Sea**

Your wish is our command - indeed, most readers buy joysticks and such a review would be

**Continued**

**WONDER GADGET**



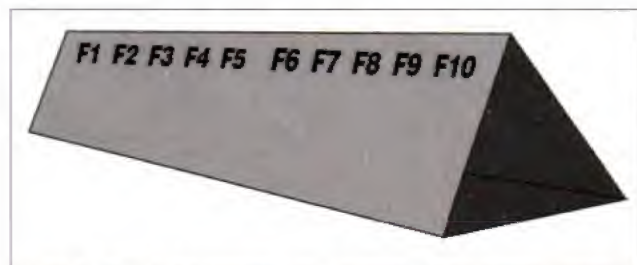
I wonder if there are more readers who, like me, when using the keyboard for programs that use the function keys, have difficulty remembering which key does what. Put it down to old age if you like (I'm a pensioner). Well I've come up with a simple extra to help people remember.

Get a stiff piece of card about ten inches (250 mm) by six (150mm). Fold it lengthways three times at one and three quarter inch (44mm) intervals, to make a triangular prism. You still have a three-quarter inch (19mm) overlap, so fold it under the edge and glue or sticky-tape it down.

By attaching a plastic sleeve, you can insert pieces of paper with what the function keys do for certain programs. The length of the card is exactly the same as the length of the function keys, so you can sit the gadget on top of your keyboard.

**Denis Gregory, Sheffield**

*Neat and simple - just how I like tips. Have a £50 mail order voucher.*



**MEGA GADGET: It's amazing that something so simple, cheap and easily-made can be so useful!**





# RUTLAND COMPUTER SUPPLIES LTD.



30 Buckminster Close,  
Melton Mowbray, Leicester, LE13 1ET

Telephone: 0664 500878 Fax: 0664 410221  
(please ring for our full price list)

Open until 7.00pm

**3 1/2" DD disks 39p each**

**5 1/4" 96tpi disks 25p each**

All disks are certified 100% error free and are complete with labels & envelopes

IF YOU SEE ANY PRICES BETTER THAN OURS,  
PLEASE RING - WE WILL ALWAYS TRY TO BEAT!!

## STORAGE BOXES

40 x 3 1/2 .....£4.49	50 x 5 1/4.....£4.49
80 x 3 1/2.....£4.95	100 x 5 1/4.....£4.95
100 x 3 1/2.....£5.95	120 x 5 1/4.....£5.95
120 x 3 1/2.....£6.95	Posso boxes .....£14.95

## LASER PRODUCTS NOW AVAILABLE

24 Hour Despatch

Star LC10 Ribbons £2.00 (min. order 5)  
LC10 Colour Ribbons £5.00 (min. order 2)  
Large range of top quality compatible ribbons in stock. Please ring for prices

Prices include VAT. Carriage £3.50, Courier £9.00

Open Mon - Fri 9am - 7pm. Sat 10am - noon.  
Collections welcome, please ring first

# RealThings ANIMATION

Fast do-it-yourself animation of living creatures. You are the movie maker. Construct or paint the scene, then call on the "living creatures on file". Endless creative fun. And, step by step, you become an Amiga animator!

RealThings **HORSES**  
£24.95 inc VAT  
*A great introduction to animation and scene-building. Realistic, impressive scenery parts and fine action.*

RealThings **BIRDS 1 & 2**  
£29.95 inc VAT  
*Many beautiful bird species by a famous bird artist. Spectacular in every way. Progressive and very rewarding.*

RealThings **HUMANS**  
£29.95 inc VAT  
*By popular request; genuine Life Class Studies on your Amiga lead to amazing creative opportunities. For more advanced users.*

RealThings PAL to run in DeLuxe Paint III from your Amiga dealer or post free direct from RGB STUDIOS

Access/Visa phone 082 581 2666 (24 hr service). Mail order: cheque or P.O. with name, address and order in CAPITALS please. Quick personal service. Orders outside EC, add £3 sterling per unit for post. Phone daytime for more information.

RGB STUDIOS. F5 GABLES, BUXTED, E. SUSSEX TN22 4PP. ENGLAND.

## WHO ELSE CAN OFFER YOU THESE PRICES?

### OPTION 1: 3 1/2" BULK DISKS

3 1/2" DS/DD BSTPI	3 1/2" DS/HD 2MB
10 x 3.5" .....£4.80	10 x 3.5" HD .....£8.90
25 x 3.5" .....£11.50	25 x 3.5" HD .....£21.25
50 x 3.5" .....£19.50	50 x 3.5" HD .....£39.00
100 x 3.5" .....£35.00	100 x 3.5" HD .....£63.95
500 x 3.5" .....£165.00	500 x 3.5" HD .....£302.50
1000 x 3.5" .....£290.00	1000 x 3.5" HD .....£598.00

ALL ABOVE DISKS ARE HIGH QUALITY JAPANESE PRODUCT WITH PIN NUMBER 100% CERTIFIED AND GUARANTEED INCLUDES LABELS

### OPTION 2: GENUINE SONY DISKS

3 1/2" DS/DD 135TPI
10 x 3.5" .....£5.70
25 x 3.5" .....£13.25
50 x 3.5" .....£23.95
100 x 3.5" .....£43.00
500 x 3.5" .....£194.00
1000 x 3.5" .....£360.00

100% GENUINE SONY 3.5" DISKS SOLD IN SONY OUTER. BUY WITH CONFIDENCE

### OPTION 3: 5 1/4" BULK DISKS

5 1/4" DS/DD 48/96 TPI	5 1/4" DS/HD 1.6 MB
10 x 5 1/4" .....£2.90	10 x 5 1/4" HD .....£4.50
30 x 5 1/4" .....£8.40	30 x 5 1/4" HD .....£12.60
50 x 5 1/4" .....£13.50	50 x 5 1/4" HD .....£20.50
100 x 5 1/4" .....£23.00	100 x 5 1/4" HD .....£41.50
500 x 5 1/4" .....£102.00	500 x 5 1/4" HD .....£195.00
1000 x 5 1/4" .....£215.00	1000 x 5 1/4" HD .....£370.00

THE ABOVE DISKS COME COMPLETE WITH LABELS, ENVELOPES AND WPS. 100% CERTIFIED TO ERROR FREE AND ARE GUARANTEED

### OPTION 4: LOCKABLE DISK BOXES

3.5" x 40 Capacity .....£3.45
3.5" x 80 Capacity .....£4.15
3.5" x 100 Capacity .....£5.50
5 1/4" x 50 Capacity .....£3.75
5 1/4" x 100 Capacity .....£4.15
5 1/4" x 140 Capacity .....£6.50

ALL ABOVE BOXES CONTAIN DIVIDERS AND TWO KEYS TEL: 0444 450103

### OPTION 6: ORIGINAL BRANDED RIBBONS

Star LC10 .....£4.05
Star LC10 Colour .....£6.00
Citizen 1200 .....£3.50
Epson LX800 .....£4.00
Epson LX80 .....£4.25
Panasonic KXP 1124 .....£7.95
Panasonic KXP 1101 .....£7.95

If the Ribbon you require is not listed please call for prices

### SPECIAL OFFER BRANDED 3M OR SONY

3 1/2" DS/DD 135TPI .....£69.95
5 1/4" DS/DD 48TPI .....£49.95

### OPTION 5: COMPUTER ACCESSORIES

Mouse Mats .....£1.60
Mouse House/Pockets .....£1.95
3 1/2 or 5 1/4 Labels (1000) .....£5.95
Printer Stands (Universal) .....£5.95
3 1/2 or 5 1/4 Library Cases (Holds x10 disks) .....£0.80
3 1/2 or 5 1/4 Cleaning Kits .....£1.50
PC AT Dust Covers .....£4.95
PC XT Dust Covers .....£4.95
80 col Printer Cover .....£2.95
132 col Printer Cover .....£2.95

TEL: 0444 450103

ALL THE ABOVE PRICES INCLUDE VAT. Prices are subject to change without any notice. Next day delivery £10.00 Postage and Packaging £3.25

**QUALITY GUARANTEE**  
All ABBCO Products carry a full replacement no quibble guarantee

Cheque/P.O to **ABBCO (SUSSEX) LTD**  
41A THE BROADWAY  
HAYWARDS HEATH  
WEST SUSSEX  
RH16 3AS

## MONITORS MODEMS PRINTERS

# FREE OFFER EXTENDED!

## AMIGA SCREENS GEMS PACK ABSOLUTELY FREE!

Yes every 50th order\* we receive before February 1st 1991 will be sent to you absolutely FREE of charge.

### IF THAT IS NOT ENOUGH JUST LOOK AT OUR PRICES:-

Screen Gems Pack (inc vat) .....£370.00  
1084S Colour Monitor (inc vat) .....£255.00  
MPS 1230 9 Pin Printer (inc vat) .....£146.99

### THIS IS JUST A SMALL SAMPLE OF WHAT WE CAN OFFER CALL US OR SEND YOUR ORDER (cheques & postal orders only please)

## Annubis Computers Ltd

Unit 8 The Glade Business Centre,  
West Thurrock. Essex RM16 1FH

Please add £5 per order for carriage & insurance.  
\*What you order you receive FREE  
TEL: 0708 862631 FAX: 0708 861500  
ALL PRODUCTS COVERED BY A FULL 12 MONTH WARRANTY. GOVERNMENT EDUCATION, & PLC ORDERS WELCOME. ALL GOODS SUBJECT TO AVAILABILITY. PLEASE ALLOW 10 DAYS FOR PERSONAL CHEQUE CLEARANCE

## MONITORS MODEMS PRINTERS



**V  
E  
R  
Y  
  
I  
M  
P  
O  
R  
T  
A  
N  
T  
  
N  
O  
T  
I  
C  
E  
!**

**LOOK!!**

**CRAZY!!**

We must be to offer these superb quality discs at such low, low prices. Remember, the price you see is the price you pay

**3 1/2" DSDD OFFERS**

35 DSDD Discs .....	£18.50	+ Box .....	£22.00
50 DSDD Discs .....	£24.00	+ Box .....	£29.00
75 DSDD Discs .....	£38.00	+ Box .....	£43.00
100 DSDD Discs .....	£44.00	+ Box .....	£49.00
200 DSDD Discs .....	£72.50	+ 2 Boxes .....	£79.00
1000 DSDD Discs .....	£299.00		
2000 DSDD Discs .....	£580.00		

**SONY SPECIAL PURCHASE SONY**

**100% SONY 3 1/2 DSDD**

100 Sony 135 TPI.....	£44.50
200 Sony 135 TPI.....	£84.00
400 Sony 135 TPI.....	£158.00
800 Sony 135 TPI.....	£305.00
1000 Sony 135 TPI.....	£350.00

All Supplied with labels  
100% CERTIFIED  
SONY!!  
100 Cap Lockable Box  
only £3.95 when purchased with Sony discs  
(Max 2 per 100 discs ordered)

**RAINBOW PACKS 3 1/2 COLOURED DSDD**

25 135 TPI .....	£15.50
50 135 TPI .....	£31.50
75 135 TPI .....	£42.50
100 135 TPI .....	£56.50
200 135 TPI .....	£96.50

(All supplied in packs 5 colours)

For prices on bulk orders please ring **0689 896004**. Ask about our **Bonus Bargains 1991**.

**ACCESSORIES**

100 Cap Lockable Boxes 3 1/2 or 5 1/4 .....	£7.95
250 Cap Stackable 3 1/2 only .....	£17.95
Printer stands 2 piece Universal .....	£7.95
Printer stands Professional VU25A .....	£28.95
Head Cleaner and Mouse Mat only .....	£5.00
Tilt 'n' Turn Monitor Stand .....	£13.95
Amiga External Slimline Drive .....	£64.95

**5 1/4 DSDD LOOK PRICES INC 100 CAP BOX**

30 DSDD 96 TPI .....	£14.95
60 DSDD 96 TPI .....	£18.95
80 DSDD 96 TPI .....	£26.95
100 DSDD 96 TPI .....	£29.95
200 DSDD 96 TPI .....	£56.95

All with envelopes and labels etc

**OUR PROMISE TO YOU**

We will supply you with the **BEST QUALITY** products at the **CHEAPEST** possible prices

**BEWARE!!** of cheaper discs that are low priced and much! lower quality.

**BUY THE BEST FROM DISC-X-PRESS**

All discs carry our full lifetime guarantee are 100% certified and come with labels etc

**DISC-X-PRESS**

**57 Spur Road, Orpington, Kent BR6 0QR**

**X-PRESS Sales Line: 0689 896004**

All prices include VAT and package post UK only Subject to availability.

**H  
A  
P  
P  
Y  
  
N  
E  
W  
Y  
E  
A  
R  
  
T  
O  
  
A  
L  
L  
  
O  
U  
R  
  
C  
U  
S  
T  
O  
M  
E  
R  
S**

**BACK ISSUE SERVICE**

Few in stock, selling out fast  
- get your copies while they last!  
All issues only **£3.45\***, Coverdisk and full postage included

**SORRY ISSUES 1-8 SOLD OUT!**



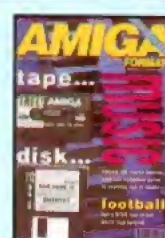
**ISSUE 9**  
A special on the latest buzzword in computing. Multimedia, and how the Amiga is ideal for it. Pipe Mania provides an extremely addictive disk demo.



**ISSUE 10**  
TWO playable demos on the disk - Hammerfist and Wipe Out. Inside - a graphics special and getting down to some serious stuff with a feature on databases.



**ISSUE 11**  
Disk and mag combine to take you on a guided tour of fractals and chaos theory. There's a playable demo of the stunning Tower of Babel, which is just one of four Format Golds inside.



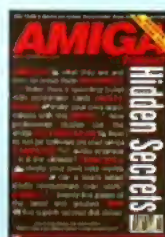
**ISSUE 12**  
Massive Music special featuring a step-by-step guide on how to write your own tunes, plus free music tape. Dan Dare III on Disk along with useable demo of new music program Quartet.



**ISSUE 13**  
The glamorous story of how movies become games, plus programming languages, AMOS in full and ProDraw 2. The Bitmaps' Cadaver is a playable demo on the Coverdisk.



**ISSUE 14**  
Public Domain special issue: what it is, and how to make the most of free software. Plus Yolanda demo and a complete PD game on the disk, programming tools, genlocks and more in the mag.



**ISSUE 15**  
Flipit and Magnose a brilliant playable demo from Imageworks. How to protect yourself from viruses. How professional studios use their Amigas for music.



**ISSUE 16**  
Huge feature on the CDTV, the future of home entertainment. Four Format Gold games including Rick Dangerous 2 and Captive, which also features on the disk. Plus flight sims, stunning animations.



**ISSUE 17**  
How 24-bit graphics put 16 million colours at your command. Great feature on historical games, indispensable guides to word processors and hard disks and two brilliant Format Golds - Indy 500 and Killing Game Show.



**ISSUE 18**  
An amazing two coverdisks including the complete game Interphase. Inside are fascinating features on robots and games of the future, plus more games pages, reviews and goodies than ever before.

**\*UK price only**  
Overseas prices: Europe £5  
Rest of World £7  
To order your back issues use the subscriptions order form opposite.

**DON'T MISS OUT**



# FREE SOFTWARE!

WHETHER YOU'RE IN BUSINESS OR A GAMESTER, SUBSCRIBE TO AMIGA FORMAT AND CHOOSE ONE OF THESE TOP TITLES

## GAZZA 2

YOURS FREE

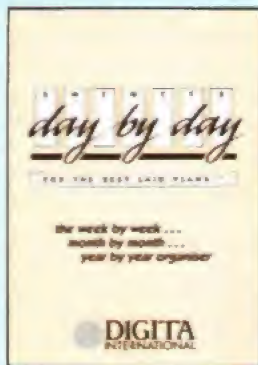


Take on the best teams in Europe in a thrilling simulation approved by England's World Cup hero. With Empire's soccer game you're on the winning side!

## DAY BY DAY

YOURS FREE

Comprehensive life-organiser for hobbyists, home users, business users and education-ists alike. A superb utility from DIGITA International.



## RESOLUTION 101



YOURS FREE

Crack crime as you race around a futuristic city in your high-powered, heavily-armed ground skimmer dealing death to the local drug barons.

From Millennium

### YOUR NO RISK GUARANTEE

You can cancel your subscription at any time and we will refund you for all unmailed issues.

## PLUS...

You guarantee yourself a regular copy of Britain's leading magazine for the Amiga, absolutely jam-packed with all the information you need to get the most out of your machine.

## PLUS...

You make sure you get the tremendous Coverdisk every month, bursting with exciting programs, utilities and playable demos.

**12 ISSUES OF YOUR FAVOURITE MAGAZINE**

**PLUS THE FREE COVERDISKS PLUS YOUR FREE SOFTWARE - ALL THIS FOR ONLY £39.95!**

Or, if you're a bit hard up this month...

**6 ISSUES FOR JUST £19.95** (but sadly no free software)

Simply complete the coupon below and return it to us ASAP

**CAN'T WAIT?** Then phone our **CREDIT CARD HOTLINE** on **0458 74011**

and ask for Trevor Witt for a fast and friendly service.

## YES!

Please enter / renew my subscription to Amiga Format

My choice of software is (Only applies to 12 issues - tick one only)

DAY BY DAY     RESOLUTION 101     GAZZA 2

Please enter my subscription to Amiga Format (tick as appropriate)

UK (12 issues) .....£39.95     UK (6 issues) .....£19.95  
 Europe (12 issues) .....£64.55     Rest of World (12 issues) ....£89.55

To ensure you get the best possible service all overseas subscriptions are sent Air Mail

Please also send me the following back issues (see opposite page)

9 10 11 12 13 14 15 16 (please circle)

Name.....

Address .....

.....

..... Post Code.....

Total payment £ ..... My method of payment is (tick your choice)

Cheque (make payable to Future Publishing Ltd)

Visa     Access    Expiry date .....

Card No

Enclose this coupon (together with your cheque if applicable) in the envelope provided or if missing send to: Amiga Format Subscriptions, FREEPOST, Somerton, TA11 7BR



# NEW YEAR PRICE BLITZ

**Yes folks we aim to begin the New Year as ever offering the best quality products at the best possible price.**

**SUPERB QUALITY • FIRST CLASS SERVICE • BRILLIANT PRICES**

## 3.5" DSDD MAGIC MEDIA

35 DSDD 3.5 Plus our Deluxe Lockable Storage Box.....	£21.95
50 DSDD 3.5 Plus our Deluxe Lockable Storage Box.....	£29.95
75 DSDD 3.5 Plus our Deluxe Lockable Storage Box.....	£42.95
100 DSDD 3.5 Plus our Deluxe Lockable Storage Box.....	£49.95
150 DSDD 3.5 Plus 2 of our Deluxe Lockable Storage Boxes.....	£64.95
200 DSDD 3.5 Plus 2 of our Deluxe Lockable Storage Boxes.....	£74.95
250 DSDD 3.5 Plus our new Stackable Box for only.....	£89.95

**BULK BUYERS RING FOR BRILLIANT PRICES**

**Magic Media: our own brand of 100% certified product.**

**Unquestionable quality unconditionally guaranteed. You cannot buy better**

## COLOURED 3.5" DSDD DISKS

These diskettes are very useful for colour coding files, programs, etc., etc., or allocating colours to people.

By popular demand we re-introduce them.

25 Rainbow 3.5 DSDD plus deluxe storage box....	£17.99
50 Rainbow 3.5 DSDD plus deluxe storage box....	£34.99
75 Rainbow 3.5 DSDD plus deluxe storage box....	£49.99
100 Rainbow 3.5 DSDD plus deluxe storage box..	£59.99

*Supplied in packs of five colours i.e. red, green, yellow etc.*

## ACCESSORIES

100 Capacity Lockable Storage box.....	£7.95
10 Capacity library cases.....5 FOR ONLY	£4.75
Tilt 'n' Turn monitor stands.....	£12.95
Deluxe mouse mats.....	£2.95
3.5 disk drive head cleaner.....	£2.95
Universal printer stands.....	£6.95
Amiga slimline disk drive.....	£59.95
Amiga replacement mouse.....	£29.95

## BULK BUYERS

We cater for every need and for all you BULK BUYERS our massive buying power enables us to offer unbeatable prices. We are confident that we will be able to give you the best price in the UK. Ring for details.

**WE CANNOT BE BEATEN**

**ON GENUINE  
CERTIFIED PRODUCTS**

## BANX STACKABLE BOXES

By overwhelming demand we are now able to offer the amazing stackable BANX boxes again. They lock together horizontally or vertically and hold up to 80 diskettes.

**1-3 only £11.95    4-7 £10.95    8-10 P.O.A**

We also stock a full range of 5.25" diskettes and high density in both formats. As ever we offer the best possible product at the best prices possible. Please ring for details

## PRICE & QUALITY GUARANTEE

M.D. Office Supplies prides itself on offering the **HIGHEST QUALITY** products at what we believe to be the best possible prices. Our guarantee is simple. In the unlikely event you can find a **COMPARABLE** product advertised anywhere in this magazine at a lower price **DO NOT HESITATE**, give us a call because we will not match that price

**WE WILL BEAT IT.  
WE ABSOLUTELY  
GUARANTEE IT.**

## M.D. OFFICE SUPPLIES

**18 CRESCENT WAY, ORPINGTON, KENT BR6 9LS**

**TELESALES HOTLINES 0689 861400**

**REMEMBER - THE PRICE YOU SEE IS THE PRICE YOU PAY**

Education and Government orders welcome





widely appreciated. We've also taken your comments about testing them out, and are currently preparing an assault course to sift out the weak from the strong. Look out for the round-up about Easter: it'll take a while to prepare all the different procedures.

### IN-INSTALLED!

I am very stuck with the INSTALL command in the CLI. I am trying to make a stand-alone blank disk. I just can't work out the correct way to use it - I have only one disk drive. I've tried

```
INSTALL df0:
cd df0:
INSTALL df0:
INSTALL df piggin' 0:
```

None of them work! Every time I pressed return the computer told me to insert the Workbench disk. When I did that a message came up saying the disk in df0: was write-protected and a new CLI prompt came on to the window.

**Jonathan Londgen  
Bingley**

Your computer is a bit confused too. DFO: is just a name for the internal disk drive, not the name of the disk you want to install. Try:

```
INSTALL nameofdisk:
```

Where nameofdisk is the name that you've given to the disk. Note that if the name has a space in it, then you'll need to put quotations around the name as in:

```
INSTALL "Coverdisk 19:"
```

### COMMS SHOPPING

I plan to buy a modem at Christmas but I do not know the



**COMMS SHOPPING:** The Amstrad SM2400 is the one we have and offers a good performance at a reasonable price, but there are plenty of modems like these to choose from.

costs involved or what to expect from one. Can I download commercial games? How long would that take? What kind of comms packages should I get, and how much do they cost? Is it necessary to subscribe to a large bulletin board like Micronet? What's the cheapest and best modem?

I would like to be able to put an intro made with Dope Intro Creator onto my boot block but so far I am unable to do this because the documentation is worse than useless and my knowledge of the CLI is indeed limited. If anyone knows of one in the PD or can send me one (all disks returned) I would be very grateful.

**S Ayubi  
15 Hillside Avenue  
Exeter  
EX4 4NW**

I will be doing a feature on comms before long, so I'll keep this answer quite short. Commercial games are available on Micronet, but so is masses of PD. The PD

on bulletin boards is usually more up-to-date than that from PD libraries. Speed of downloading is dependent on the speed of your, and the bulletin board's, modem - modem speed is referred to as the baud rate, 300 being the slowest and 9600 the fastest usually available. Look up JRComm, NComm and Access in the PD libraries - being PD they cost only the price of a disk.

It isn't necessary to subscribe to Micronet, but it's a large online service, not a BB: BBs are much smaller. The cheapest and best modem is better found by you than me (modem prices vary a lot, even ones of the same type and model, between dealers). Get the cheapest, fastest Hayes compatible modem that you can find.

### NO NEED

I am considering upgrading my A500 (with a 512K expansion and a second disk drive) but am a bit confused by the number of different Amigas on the market (1500, 2000, 3000).

I want a machine that is IBM compatible as it would help me in my degree. I would also want a fairly quick hard drive disk (around 40-80 Mb and a speed of 18-30ms). Later on I may also require a co-processor.

I have also heard about a new machine being developed by Commodore and would appreciate some help and details.

**Sunil Sood  
Nottingham**

The A500 can have an IBM emulator board fitted - either the Bitcon/KCS 'PC Powerboard' or the new (and as yet unreviewed) Silica Shop/Vortex ATOnce board. The ATOnce looks like being a corker - it's AT standard and will only fit the A500. The Bitcon KCS board was reviewed in AF16, and provides some competition.

As for a hard drive, check out the Testbench section in AF 17 - the Xetec FastTrak is extremely nippy. If you want an accelerator card, the Mega Midget Racer reviewed in AF18 should fit your needs. Why get a different Amiga when the one you've got can do everything you need? As for a new model - you know more about it than we do!

### GENLOCK AND KICKSTART

I have bought a Minigen genlock device which works fine with a TV but not with my monitor (an ADF32, commonly supplied to Acorn computers). The monitor doesn't have a UHF input, only SCART and TTL RGB DIN. The dealer who sold it to me assured that it would work fine with the Amiga. Is there any way of feeding the genlock signal into it?

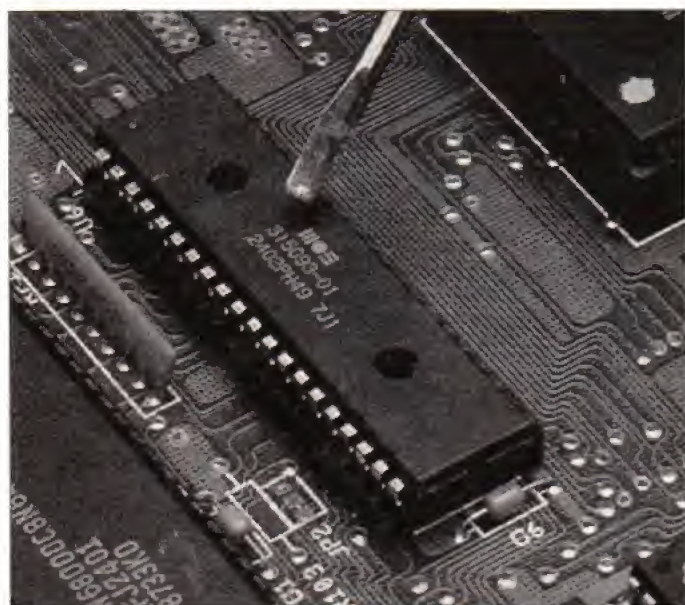
As my machine is now at least three years old and is the Kickstart 1.2 version, how difficult is it and how much will it cost to upgrade to 1.3? Is it something that somebody with a reasonable grasp of electrics could tackle? How much would it cost?

More serious stuff and less games please - I want to learn more about the Amiga.

**John Smith  
Helston**

The fault lies with the Minigen - it's no good blaming the monitor. Monitors don't have the poor quality UHF input which is reserved for TVs. You're going to have to buy a better genlock if you want to see decent results on a monitor.

Kickstart upgrades generally cost about £30 and are very easy to perform. It's just a case of removing the old chip and plugging the new one in. Companies generally sell kits for people to do it themselves. AF Issue 3 carried details, if you have it



**GENLOCK AND KICKSTART:** The chip you want to ditch when upgrading is a Kickstart 1.2, numbered 315093-01. Kickstart 1.3 is numbered 315093-02. There's not a lot of difference.



# PREMIER MAIL ORDER

Titles marked \* are not yet available and will be sent on day of release.

Please send cheque/PO/Access/Visa No. and expiry date to:

Dept AF2, Trybridge Ltd., 8 Buckwins Sq., Burnt Mills, Basildon, Essex. SS13 1BJ

Please state make and model of computer when ordering. P&P inc. UK on orders over £5.00. Less than £5.00 and Europe add £1.00 per item. Elsewhere please add £2.00 per item for Airmail. These offers are available Mail Order only. Telephone orders: Mon-Fri 9am-7pm. Saturday 10am-1pm. Fax orders: 0268 590076. Tel orders: 0268 590766

1/2 Meg Upgrade	39.99	Fun School 2 (over 8)	11.99	Projectyle	16.99
1/2 meg Upgrade + Clock	44.99	Fun School 2 (under 6)	11.99	Puzznic	16.99
4D Boxing *	16.99	Fun School 3 (5-7)	16.99	Rainbow Islands	16.99
688 Attack Sub	16.99	Fun School 3 (over 7)	16.99	Reach for the Skies *	16.99
Adidas Football *	16.99	Fun School 3 (under 5)	16.99	Resolution 101	16.99
Airborne Ranger	9.99	Future Wars	16.99	Rick Dangerous	7.99
Amos	34.99	Gazza 2 *	16.99	Rick Dangerous 2	16.99
Anarchy	13.99	Golden Axe	16.99	Robocop	15.99
Armour Geddon *	26.99	Gold of Aztecs	16.99	Robocop 2 *	16.99
Assault on Alcatraz *	16.99	Gremlins 2	16.99	Rock Star Ate My Hamster	4.99
ATF 2 *	16.99	Grimblood	4.99	Rocky Horror Show *	16.99
Awesome *	24.99	Gunboat *	16.99	Rogue Trooper *	16.99
B.A.T. *	19.99	Gunship	14.99	Rolling Thunder	7.99
Back to the Future 2	16.99	Hard Drivin 2 *	16.99	Rotator *	16.99
Back to the Future 3 *	16.99	Heroes Quest 2 (1 Meg)	29.99	Rotax	16.99
Badlands	13.99	Heroes	19.99	RVF Honda	9.99
Barbarian (PAL)	7.99	Heroes Quest (1 Meg)	26.99	Search for the King *	16.99
Bards Tale 1 or 2 Hint Book	5.99	Hillstar	16.99	Secret of Monkey Island *	19.99
Bards Tale 2	7.99	Hollywood Collection	19.99	Secrets of Luftwaffe *	19.99
Bards Tale 3 *	16.99	Horror Zombies *	16.99	Shadow of Beast 2	26.99
Batman the Movie	16.99	Hounds of Shadow	7.99	Shadow of the Beast	14.99
Battle Chess 2 *	19.99	Hunter Killer	4.99	Shadow Sorcerer *	19.99
Battle Command *	16.99	Hydra *	13.99	Shadow Warriors	16.99
Battlemaster	19.99	Imperium	16.99	Sherman M4	16.99
Betrayal *	19.99	Indianapolis 500	16.99	Silent Service	9.99
Billy the Kid *	16.99	Indy Jones Adventure	16.99	Silkworm IV *	13.99
Bionic Commando	7.99	Indy Jones Hint Book	5.99	Sim City	19.99
Blade Warrior *	16.99	Int 3D Tennis	16.99	Sim City Terrain	3.99
Blue Max *	19.99	Int Soccer Challenge	16.99	Skate or Die *	16.99
BSS Jane Seymour	16.99	Interceptor	7.99	Skull and Crossbones *	13.99
Buck Rogers *	19.99	It Came From Desert (1 Meg)	14.99	Sly Spy	16.99
Budokan	16.99	It Came From Desert Data	9.99	Soccer Mania *	16.99
Captive	16.99	Ivanhoe	16.99	Space Ace	26.99
Carthage *	16.99	Jack Nicklaus Extra Courses	9.99	Speedball 2 *	16.99
Carrier Command	14.99	Jack Nicklaus Golf	15.99	Spellbound *	16.99
Cavador	16.99	Jack Nicklaus Unlimited Golf	19.99	Spiderman *	16.99
Chaos Strikes Back *	16.99	Judge Dredd *	13.99	Spy who loved me	13.99
Chase HQ	16.99	Keef the Thief	7.99	Star Trek V *	19.99
Chase HQ 2 *	16.99	Keef the Thief Hint Book	5.99	Starflight	16.99
Chuck Yeager *	16.99	Kennedy Approach	14.99	Starflight Hint Book	5.99
Codename Iceman (1 Meg)	29.99	Kick Off	7.99	Steven Hendry *	16.99
Colonels Bequest (1 Meg)	29.99	Kick Off 2 (1 Meg)	14.99	Stratego *	16.99
Combo Racer	16.99	Killing Game Show	16.99	Strider 2 *	16.99
Commando War *	16.99	Knights of the Sky *	19.99	Stun Runner *	16.99
Conflict	4.99	K.O. 2 - Final Whistle *	8.99	Stunt Car Racer	15.99
Conquest Camelot (1 Meg)	29.99	K.O. 2 - Giants of Europe *	7.99	Subbuteo	16.99
Corporation	16.99	K.O. 2 - Return to Europe *	7.99	Super Cars	13.99
Crackdown	16.99	K.O. 2 - Winning Tactics *	5.99	Supremacy	19.99
Cricket Captain	16.99	Leaderboard Birdie	16.99	Swords of Twilight	7.99
Crime Wave *	16.99	Legend of Billy Boulder *	16.99	Swords of Twilight Hint Book	5.99
Cruise For A Corpse *	16.99	Leisure suit Larry 3 (1 Meg)	29.99	Team Suzuki *	16.99
Crusade of Azure Bonds (1 Meg) *	19.99	Leisure suit Larry 2	19.99	Team Yankee	19.99
Damocles	16.99	Lemmings *	16.99	Teenage Mutant Turtles	16.99
Das Boot *	19.99	Light Force	16.99	Test Drive 2	16.99
Days of Thunder	16.99	Line of Fire *	16.99	Test Drive 2 California Chal	9.99
Death Trap *	16.99	Loom	19.99	Test Drive 2 Muscle Cars	9.99
Deluxe Music Con. Kit	69.99	Lords of Chaos *	16.99	Test Drive 2 Super Cars	9.99
Deluxe Paint 3	59.99	Lost Patrol	16.99	The Immortal	16.99
Deluxe Print 2	69.99	M1 Tank Platoon	21.99	Theme Park Mystery	9.99
Dick Tracy *	16.99	Magic Fly *	16.99	Their Finest Hour	19.99
Deluxe Video 3	79.99	Magnum 4	16.99	Thunderstrike	16.99
Dragon Strike	19.99	Matrix Marauders *	13.99	Tie Break	16.99
Dragons Lair (1 Meg)	26.99	Mean Streets *	16.99	Time Machine	16.99
Dragons Lair 2 - Singes Castle	26.99	Microprose Soccer	14.99	TNT	19.99
Dragons Lair - Time Warp *	26.99	Midnight Resistance	16.99	Toki *	16.99
Dragons Wars *	16.99	Midwinter	19.99	Torvak The Warrior	16.99
Dungeon Master (1 Meg)	16.99	MIG 29 *	19.99	Total Recall *	16.99
Duster *	16.99	Monty Python	13.99	Tournament Golf *	16.99
DynamiDy Debugger *	16.99	M.U.D.S. *	16.99	Toyota Celica *	16.99
Eagles Nest	4.99	Murder	16.99	Tracksuit Manager	7.99
Edition One	16.99	Music X Jnr	49.99	Turbo Challenge	16.99
Elite	14.99	Narc *	16.99	Turrican 2 *	16.99
Emlyn Hughes	13.99	Navy Seals *	16.99	TV Sports Baseball *	19.99
Emlyn Hughes Quiz *	13.99	Nightbreed	16.99	TV Sports Basketball	14.99
Epic *	16.99	Nightbreed RPG	16.99	TV Sports Football	12.99
Escape from Colditz *	16.99	Nightshift *	16.99	Ultimate Ride *	19.99
Escape from Robot Monsters	13.99	Nirol *	16.99	UMS	14.99
E-Swat *	16.99	Obitus *	24.99	UMS 2	19.99
Eye of the Beholder (1 Meg) *	19.99	Off Road Racer	16.99	UN Squadron	16.99
F15 Strike Eagle 2 *	19.99	Operation Harrier *	16.99	Untouchables	16.99
F16 Combat Pilot	16.99	Operation Stealth	16.99	Vaxine *	16.99
F19 Stealth Fighter	19.99	Operation Thunderbolt	16.99	Walker *	16.99
F29 Retaliator	16.99	Oriental Games	16.99	Wheels of Fire	19.99
Falcon	19.99	Outrun	7.99	Wildfire	19.99
Falcon Mission Disc 1	13.99	Overrun (1 Meg) *	19.99	Wings (1 Meg)	19.99
Falcon Mission Disc 2	13.99	Pang *	16.99	Wings of Fury *	13.99
Ferrari Formula 1	7.99	Paradroid 90	16.99	Wolf Pack *	19.99
Final Battle *	16.99	Platinum *	9.99	Wonderlab *	19.99
Fire and Brimstone	16.99	Player Manager	12.99	World Class Leaderboard	7.99
Fireball *	16.99	Plotting	16.99	World Champ Soccer *	16.99
Flight of the Intruder *	19.99	Pool of Radiance	19.99	Wrath of the Demon *	16.99
Flight Sim 2	26.99	Populous	16.99	Xenomorph	16.99
Flip It and Magnose	16.99	Populous Promised Lands	7.99	Xiphos *	16.99
Flood	16.99	Powerdrome	7.99	Zany Golf	7.99
Football Director 2	12.99	Powermonger *	19.99	Z-Out *	13.99
Ford Q8 Rally *	16.99	Predator 2 *	16.99		
Fun School 2 (6-8)	11.99	Pro Tennis Tour	16.99		

## SPECIAL OFFERS

### AMIGA A500

#### SCREEN GEMS PACK

Nightbreed, Days of Thunder, Back to the Future 2, Deluxe Paint 2, Shadow of the Beast 2  
**ONLY £369.99**

### UPGRADE YOUR AMIGA TO 1 MEG

1/2 Meg Upgrade - **£39.99**  
1/2 Meg Upgrade + clock - **£44.99**

### BLOOD MONEY NOW ONLY £7.99

### E.A. SPECIAL OFFERS ONLY £7.99 EACH!

Zany Golf, Bards Tale 2, Powerdrome, Ferrari Formula 1, Interceptor, Hounds of Shadow, Keef the Thief, Swords of Twilight

### JOYSTICKS

Cheetah 125 + - £6.99  
Cheetah Mach 1 - £9.99  
Quickjoy 2 Turbo - £9.99  
Quickshot 3 Turbo - £9.99  
Quickjoy Jetfighter - £10.99

### BLANK DISCS

#### Unbranded

10 x 3.5" DSDD - £5.99  
20 x 3.5" DSDD - £10.99  
50 x 3.5" DSDD - £23.99  
100 x 3.5" DSDD - £49.99

#### Branded - TDK

3.5" DSDD - £1.25 Each

### RICK DANGEROUS

Play any level version  
**ONLY £7.99**



POST EXPRESS

FREE 2 YEAR WARRANTY WITH ALL COMPUTERS BELOW!

**AMIGA 500 SCREEN GEMS PACK**

Amiga 500	£399.99
Days of Thunder	£24.95
Shadow of the Beast	£24.95
Back To The Future II	£24.95
Knight Breed	£24.95
Deluxe Paint II	£49.95

AND MORE! Total RRP  
Over £600... **£364 OUR PRICE**

**AMIGA 500 BATMAN PACK**

Amiga 500	£399.99
Deluxe Paint II	£49.95
Interceptor	£24.95
The New Zealand Story	£24.95
Batman The Movie	£24.95

AND MORE! Total RRP :  
£524... **£364 OUR PRICE**

**AMIGA 500 FLIGHT OF FANTASY**

Amiga 500	£399.99
Deluxe Paint II	£49.95
F29 Retaliator	£24.95
Rainbow Islands	£24.95
Robot Monsters	£24.95

AND MORE! Total RRP:  
£519.79... **£364 OUR PRICE**

**AMIGA 500 CLASS OF THE 90's PACK**

Amiga 500	£399.99
Educational software	£660.00

Upon registration each purchaser will receive a file containing: Over 200 pages of advice, guidance and worksheets relating to the National Curriculum and lots more!

Total RRP:  
£1054.48... **£529 OUR PRICE**

**\* IDEAL FOR 5's AND UP \***

**FIRST STEPS EDUCATIONAL PACKAGE**

- A500
- Modulator
- D-Paint 2
- D-Print 2
- Pro-Write 2.5
- Info File
- Music Master
- Lets Spell at Home
- Amiga logo
- Talking Turtle
- BBC Emulator
- Mouse
- Mouse Mat
- 10 blank disks
- Play books
- Workbench
- 1024K RAM

**£529.00**

Atari Lynx + software	£179.95
Sega M-Drive 16 bit	£174.95
Sega Master System	£74.95
C64 Night Moves Pack	£149.95
C64 Mindbenders Pack	£149.95
C64 Games System	£98.95
Amstrad Games System	£98.95

**AMSTRAD WORDPROCESSORS**

PCW8256	£424.95
PCW8512	£534.95
PCW 9512	£564.95
Amstrad PC1512 mono	
+ s/w	£449.95
PC1512 colour + s/w	£564.95

All prices include VAT & Delivery. All computers are genuine UK specification. All computers include a FREE HOLIDAY PACK.



Proprietor: Mark A. Cameron  
Please make cheques/PO's etc payable to POST EXPRESS  
Hillcrest House, Suite 3, 49a Vicarage Road, London, E10 5EF.  
Telephone: 081 518 7494 9am - 11pm



**commodore**

**A1500 IN STOCK!**

Prices include VAT, delivery & warranty. Please add £15 for overnight delivery. All systems are tested before despatch. On-site maintenance options available.

Amiga A3000-25/100, 6MB	£3145
Amiga A3000-25/40, 3MB	£2895
Amiga B2000 latest UK model	£845
Amiga A1500 as above, plus 2nd floppy, DPaint3, Works Platinum etc	£945
Amiga B2000 with A2091 40MB Quantum 11ms autoboot hard disk	£1295
Amiga B2000 with A2286 PC-AT bridge board & 5 1/4" disk drive	£1445

**■■■ B2000 + XT Bridge Board + 20MB autoboot hard disk £1295!**

**PERIPHERALS**

A2620 68020 Card + 2MB 32-bit	£995
A2286 PC-AT board & 5 1/4" drive	£645
A2088 PC-XT board & 5 1/4" drive	£349
C2058 8MB Board, 2MB installed	£224
RAM for above, per 2MB	£104
RAM for A3000, all types	Phone
A2091 + 40MB 11ms Quantum	£495
A2091 + 105MB 11ms Quantum	£845
RAM for A2091, per MB	£48
Quantum ProDrive 40MB 11ms	£349
Quantum ProDrive 100MB 11ms	£695
Quantum ProDrive 170MB 11ms	£995
Amiga A500 v1.3 complete	£349
KCS PC Power Board	£299
RAM for A500, per MB	£48
Supra Modem 300-2400 baud	£159
Supra 2400zt internal modem	£159
A1084SD colour stereo monitor	£259
14" MultiSync monitor 1024x768	£475
NEW! A2320 de-interlacer	£115
CBM 1270 inkjet 192 dpi 180 cps	£225
HP DeskJet 500 inkjet, 300 dpi	£495
HP PaintJet colour inkjet 180 dpi	£925
Rendale 8802 Genlock	£199
Rendale Pro Genlock	£575
SketchMaster 18x12 dwg. tablet, 1000 lpi, with stylus & 4-button cursor	£595
FrameGrabber all colour modes, 549 overscan, up to 640x400 resolution	£549

**■■■ B2000 + XT Bridge Board + 40MB autoboot hard disk £1495!**

Why not enjoy the free Teletext databases with the MicroText Teletext adaptor... Fully programmable, with Fastext facility, instant access to last 16 pages, double page view, teletextware loader, auto-start/background operation... Pages can spoken, printed as ASCII or graphics, saved as ASCII or IFF files... And it turns your 1081/1084/8833 monitor into a digital TV! Available now for only **£139!**

**■■■ Amstrad FX9600AT Fax + Printer + Copier + Scanner £115 off!**

**PRODUCTIVITY**

NEW! Lattice C v5.10	£159.95
A/C Fortran	179.95
A/C Basic v1.3	109.95
APL 68000 Level II v7.30	299.95
Dos-2-Dos	34.95
Workbench v1.3 Enhancer	12.95
SuperBase Personal	Handles data & graphics, with easy VCR style controls 24.95
SuperBase Personal 2	Relational database power, without programming! 39.95
Professional v3	"The Rolls-Royce of Amiga databases" (NCE) 154.95
SuperPlan	Pro spreadsheet with business graphics, time planner 49.95
C64 Emulator v2	Don't throw your C64 software away! 49.95
Doctor Ami	Guru stopper... disables bad disk blocks and RAM! 39.95
Excellence 2	New improved version... Word Perfect with graphics! 129.95
Pagestream 2	With major new features incl. Agfa/Adobe fonts 139.95
Professional Draw 2	Now much faster, with auto-trace, curved text & more... 89.95
Professional Page v1.3	Includes WP, Desktop, colour separations, CAD 139.95
CG Outline Fonts	35 Agfa CG fonts for ProPage, ProDraw 2, PageSetter 2 89.95
Gold Disk Type	Choice of 4 sets of 3 Agfa CG fonts, per set... 39.95
Professional Page Templates	£39.95 Works Platinum Edition 99.95
PageSetter 2	59.95 System Programmer's Guide 24.95
Pen Pal	79.95 Amiga Logo 39.95

**■■■ PAGESTREAM 2 PRODRAW 2 EXCELLENCE 2... In stock now!**

**CREATIVITY**

AmigaVision v1.53G	£99.95
Digiview Gold v4.0	99.95
PageFlipper + F/X	39.95
De Luxe Paint II	24.95
Fantavision	24.95
Walt Disney Animation Studio	99.95
Introcad Plus	Powerful new version of popular CAD program 79.95
Broadcast Titler 2	Real broadcast quality titling with 4-level anti-aliasing 179.95
Pro Video Post	The ultimate in video presentation, titling & effects 209.95
Pro Video Font sets	Choice of 5 sets of 4 anti-aliased fonts, per set... 89.95
TV-Text Professional	Latest full-feature video titler, includes Zuma fonts 89.95
TV-Show v2.02	Video presentation, special effects & transitions 54.95
Video Effects 3D v1.2a	Smooth playback unlimited 3D effect combinations 129.95
3D Professional	£259.95 RGB Splitter 69.95
Turbo Silver	89.95 ColourPic Digitiser 475.00
The Art Department	59.95 SuperPic Genlock/Digitiser 595.00

**■■■ IF YOU WANT IT TOMORROW... CALL US TODAY! ON 081-546-7256 ■■■**


Prices are POST FREE & include VAT. Order by phone with your credit card, or send cheque/PO or your credit card number. We welcome official orders. Software sent same-day by 1st Class post, but please allow five days for hardware delivery, unless overnight. Prices subject to availability. Ref. A78




**Calco Software**

LAKESIDE HOUSE, KINGSTON HILL, SURREY, KT2 7QT. TEL 081-546-7256

**WANTED**



**DEAD OR ALIVE**

**USE YOUR VOICE TO OUTDRAW THE GUNFIGHTER**

**CASH PRIZES**

**0898 31 35 99**

INFODIAL POBox 36 LS1 4TN Call charges 33p Per Min Cheap 44p Per Min All Other Times

**PRICE-BUSTING THE LEADING BRANDS**

Amiga specialists  
**Commodore dealers since 1985**

Our Own Service Division 041-332-0625  
Scotlands Leading Micro Specialists

**THE COMPUTER DEPOT**  
205 Buchanan Street, GLASGOW 041-332-3944  
55 Clerk Street EDINBURGH 031-668-4146  
Inshops Wellgate Centre, DUNDEE 0382-29653  
Licensed Credit Broker \*Mail Order\*

**3 1/2" discs SPECIAL 100 for £50**



# YOUR ONE STOP SHOP

MORE SOFTWARE THAN YOU CAN HANDLE!  
MORE HARDWARE THAN YOU CAN USE!

# SOFTWARE SUPERSTORE

## AMIGA 512K MEMORY UPGRADE

- \* Brings your Amiga up to 1 Meg in seconds.
- \* Easy to fit - DOES NOT INVALIDATE YOUR GUARANTEE.
- \* Reliable, fast, high quality chips on a robust through plated P.C.B. Do not confuse with cheaper, inferior products.
- \* NEW!! PRO-RAM PLUS ChipMem Option

ONLY **£34.99** +£2 Postage

OR WITH CLOCK/CALENDAR

ONLY **£39.99** +£2 Postage

**A590**  
Hard Disk  
RAM  
UPGRADE  
512K .....£24.99  
1Mb .....£47.99  
2Mb .....£89.99  
Carriage Free

## AMIGA Expansion Kit

Get the most from your **AMIGA**

- ◆ Memory Upgrade & clock
- ◆ Dust Cover
- ◆ Lockable Disk Box
- ◆ Mouse Mat
- ◆ Drive Head Cleaner
- ◆ Zip Stik Joystick
- ◆ Ten Disks full of Amazing 1meg Demos

Everything Commodore left out of the box

ONLY **£59.99**  
Carr. £3.00

FREE with every **AMIGA**

## AMIGA MEGAPACK

### Amazing ASTRA PACK

Ten superb games - all received rave reviews -  
from 70% - 95%

- ◆ Datastorm £19.95
- ◆ Dungeon Quest £24.95
- ◆ E-Motion £19.95
- ◆ Grand Monster Slam £19.95
- ◆ Kid Gloves £24.95
- ◆ Powerplay £19.95
- ◆ RVF Honda £24.95
- ◆ Shufflepuck Cafe £19.95
- ◆ Soccer £24.95
- ◆ Tower of Babel £24.95

TOTAL RETAIL VALUE **£224.50**

## NEW THE 1 MEG AMIGA pack

Exclusive to *Software Superstore*

- With EVERY Amiga A500 ◆ SCREEN GEMS ◆  
or ◆ FLIGHT OF FANTASY ◆ Pack  
(see left for individual pack details) you get:-
- ◆ 1 Meg of Memory & clock
  - ◆ TV Modulator
  - ◆ Mouse mat
  - ◆ 10 disks full of Amazing 1 meg Demos
  - ◆ Microswitched Joystick
  - ◆ Workbench
  - ◆ Mouse
  - ◆ Lockable disk box
  - ◆ Astra Pack Software

PLUS Exclusive Connoisseur Software Collection

- ◆ Baal
- ◆ Dynasty Wars
- ◆ Gravity
- ◆ Hammerfist
- ◆ Menace
- ◆ Ninja Spirit
- ◆ Tetris
- ◆ Tusker
- ◆ Shadow of the Beast
- ◆ Running Man

WORTH **£250**

(Individual titles subject to availability. We reserve the right to substitute other titles of equivalent or greater value.)

NEW

OUR PRICE **£499.99**

Carriage FREE

## Amiga SCREEN GEMS PACK CONTAINS

- ◆ Shadow of the Beast II
- ◆ Back to the Future II
- ◆ Days of Thunder
- ◆ Nightbreed
- ◆ Deluxe Paint II
- ◆ AMIGA A500 Computer
- ◆ Modulator
- ◆ Mouse
- ◆ Workbench software
- ◆ FREE holiday accomodation
- ◆ FREE ASTRA PACK (see above)

Only **£399.99**

inc carriage



MAIL ORDER:- HOTLINE (0782) 204639 OR FAX (0782) 202269

Carriage: All goods sent by post. Add EXTRA £8 per major item for Courier or £10 for Next Day

POST to Unit 7a Oldham St., Hanley, STOKE on TRENT, ST1 3EY. Callers welcome at our shops

## CUMANA AMIGA DRIVES

the BEST NAME in Disk Drives

- Legendary Quality
  - Great Styling
  - Total Compatibility
  - Fully Guaranteed
  - Outstanding Spec
- NOW Only **£64.99**  
Carriage & insurance £2.00

EVERYTHING you could possibly need for your **AMIGA**

### Blank Disks

We sell only the highest quality blank media 100% certified and made in Japan. Each disk is guaranteed for life.

Sony Branded  
Box 10 .....£12.99

With FREE Disk Box (40)

Unbranded  
BULK PRICES

50 .....£19.99

100 .....£37.99

10 with box (40)

.....£9.99

Add £2 postage per order

## PRINTERS

All Printers Carriage FREE

### star LC10

"Best Buy" budget printer.

Only **£169.99**

### NEW COLOUR PRINTERS

### star LC200

Only **£219.99**

### star LC24 - 200

Only **£329.99**

### STOKE-ON-TRENT

11 Market Square Arcade,  
Hanley, Stoke-on-Trent  
Manager: Adrian  
Tel: 0782 268620  
Open 6 Days

### SHEFFIELD

6 Waingate, Sheffield  
Manager: Roy  
Tel: 0742 721906  
Open 6 days

### ST HELENS

27 Baldwin Street,  
St Helens  
Manager: Adrian  
Tel: 0744 27941  
Closed Thursday

### STOCKPORT

6 Mealhouse Brow,  
(Off Little Underbank),  
Stockport. Manager: Ray  
Tel: 061 480 2693  
Open 6 Days

### WARRINGTON

The Courtyard  
50 Horsemarket Street  
Manager: Adrian  
Tel: 0925 232047  
Open 6 Days



# PAZAZ!

THE ONE STOP  
AMIGA SHOP IN  
SCOTLAND

Everything for your Amigas at real sexy prices!  
midi/modems/video/scanners/printers/monitors/disk  
drives/ram/software & books.

A500 Packs - £365  
A1500 Pack - £1099  
B2000 - £980  
A3000's - Ring  
0.5Mb Ram - £39  
1.5Mb Ram - £135  
3.5" Ext  
Drive - £59

Prices include Vat and  
Delivery (UK)

1084DS Monitor  
- £245  
Swift 9 Printer  
- £199  
Swift 24 Printer  
- £299

Add £30 for colour  
upgrade

Try our 24 hours viewdata bulletin board on  
0383 620259. Browse through our online  
catalogue and order direct with credit card.

Ring for  
quotes  
on  
repairs



VISA

Pazaz Viewdata Systems  
14 DOUGLAS STREET  
DUNFERMLINE  
FIFE SCOTLAND  
KY12 73B  
0383 620102

We OPEN 9-6 MON - SAT  
10-4 SUNDAYS

## NO COMPUTER IS COMPLETE WITHOUT A DUST COVER

Protect your Amiga with a dust cover  
from the BBD Professional Range.

Made from best quality proofed nylon that has been treated  
with a flame retardant and an anti-static inhibitor. BBD Dust  
Covers are tastefully finished with contrasting piping. They  
never crack, discolour, tear or fade. They can be washed and  
ironed. So confident are BBD of the quality that they give a no-  
quibble guarantee with every cover.

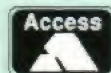
**BBD dust covers are not expensive and  
all our prices include VAT and P&P**

Amiga 500, Keyboard only .....£5.50  
Amiga 1000, one piece cover.....£8.50  
Amiga 2000, two piece set .....£11.95

In addition to the above BBD offer a wide range of other covers.  
These include printer covers from only £6.25  
Why not contact us for further details

### BBD DUST COVERS

Dept. 34, The Standish  
Centre, Cross Street,  
Standish, Wigan, WN6 0HQ



Telephone: 0257 425839 ext 34  
Fax: 0257 423909

VISA

Sheer Perfection in Computer Protection

### AMIGA BOOKS & HARDWARE

# RAMSOFT

160A DRAKE STREET  
ROCHDALE LANCs.  
OL16 1PX  
Tel: 0706 43519

#### AMIGA BASIC INSIDE & OUT

The definitive step-  
by-step guide to  
programming the  
Amiga Basic

£18.95(D)

#### AMIGA FOR BEGINNERS

Explains every  
practical aspect of  
the Amiga in plain  
English

£12.95

#### AMIGA 3D GRAPHICS PROGRAMMING IN BASIC

Details the techniques  
and algorithm for  
writing 3D programs

£16.50(D)

#### AMIGA MACHINE LANGUAGE

Introduction to  
68000 machine  
language in easy to  
understand terms

£12.95(D)

#### AMIGA C FOR BEGINNERS

An introduction to  
learning the popular  
C Language

£14.95(D)

#### AMIGA TRICKS & TIPS

A valuable collection  
of software tools &  
programming hints.

£14.95(D)

#### AMIGA SYSTEM PROGRAMMERS GUIDE

A Comprehensive guide to  
the inner working  
of your Amiga

£29.95(D)

#### AMIGA C FOR ADVANCED PROGRAMMERS

An advanced guide to  
programming the Amiga  
using the C language.

£29.95(D)

#### MORE TRICKS & TIPS

Another collection of  
valuable programming  
hints & techniques for  
all Amiga users.

£14.95(D)

#### AMIGA GRAPHICS INSIDE & OUT

A comprehensive book  
for understanding &  
using Amiga graphics.

£24.50(D)

#### AMIGA DISK DRIVES INSIDE & OUT

A practical guide to  
Amiga's Disk Drive  
operations

£24.95(D)

#### NEW AMIGA DOS INSIDE & OUT

An in depth guide to  
AmigaDOS and the  
CLI.  
INC. NEW K/S 2

£16.95(D)

#### NEW MAKING MUSIC ON THE AMIGA

Understanding and  
using the Amiga's  
powerful built in  
music capabilities.

£28.50(D)

#### NEW AMIGA PRINTERS INSIDE & OUT

Understanding and  
using your printer  
more effectively

£28.50(D)

#### NEW AMIGA DESKTOP VIDEO GUIDE

The most thorough  
guide to video on  
the Amiga

£16.95

Kids & The Amiga ..... Compute:- 13.50  
Elementary AM. Basic .....(D)..... Compute:- 12.95  
Advanced Amiga Basic .....(D)..... Compute:- 16.95  
Amiga Applications .....(D)..... Compute:- 14.95  
Amiga Prog's Guide .....(D)..... Compute:- 14.95  
Inside Amiga Graphics .....(D)..... Compute:- 14.95

Addison/Wesley Technical Books:  
Includes & Autodocs:-..... £28.95  
Libraries/Devices:-..... £29.95  
Hardware Reference Manual:-..... £21.95

SPECIAL OFFER  
Complete Set ....Only:- £70.00

First Book of Amiga ..... Compute:- 14.95  
Learning C Prg Graphics .....(D)..... Compute:- 17.95  
Using DPaint II ..... Compute:- 17.95  
2nd Book of the Amiga ..... Compute:- 14.95  
Inside the Amiga with C ..... Sams:- £16.50  
Amiga Prg. Handbook Vol 1 + 2 ..... Sybex:- £22.00

ALL BOOKS MARKED WITH (D) HAVE COMPANION DISK'S ONLY £9.95. PRINTERS IN/OUT, DISK INC IN BOOK PRICE.  
Please Note. All book prices include postage in the UK, S. Ireland. Please add £1.00 per item. Overseas please call or write.  
Special rates for Government & School/University orders.

### HARDWARE

#### AMIGA A500 SCREEN GEMS

Includes:- W/B 1.3, Extras, Tutorial Disks, Mouse, P.S.U.,  
TV Modulator, All leads and manuals.  
Software:- Back to the Future II, Beast II, Days of  
Thunder, Night Breed, DPaint II.  
Extras: Metal Award Badge & CDTV Teeshirt, 10 Disks

Only £359.00

#### EDUCATIONAL PACKS

Class of 90s or First Steps

Only £529.00

#### STAR LC200 PRINTER

The New Star Colour/Mono  
Printer Includes Ribbon & Lead.

Only £215.00

#### PHILIPS CM8833 Mark II version

New Style Colour Monitor Incl Lead

Only £245.00

All Hardware prices are inclusive of VAT. Please add £4.00 for 3-4 day courier service or £7.00 for next day. Please call for price on items not listed.  
ALL ITEMS DESPATCHED WITHIN 48 HRS DEPENDENT ON AVAILABILITY & CHEQUE CLEARANCE. PERSONAL CALLERS WELCOME.  
ACCESS/VISA/STYLE CARDS ACCEPTED. OPEN 10.00-6.00PM MON-SAT  
E. & O.E.



**QUALITY  
GUARANTEE**

All our products carry our full replacement no quibble guarantee  
**REMEMBER !!!**  
We only supply Quality  
Beware of cheap imitations

# MEDIA DIRECT

TELESALES HOTLINES  
**0782 208228**

Cheques and PO's to:  
Media Direct Dept AFT  
The Railway Enterprise  
Centre, Unit 3, Shelton New  
Road, Stoke-on-Trent,  
Staffordshire, ST4 7SH.  
Fax: 0782 281506

All Prices inc VAT  
Please add £2.95 P&P per Order  
Next Day delivery £10.00  
U.K. ORDERS ONLY



**STACKABLE STORAGE  
BOXES**

**BANX BOX**

holds 90 3.5" disks  
can be stacked horizontally  
and vertically  
1 off.....£9.00 each  
3+.....£8.50 each  
5+.....£8.00 each

**THE AMAZING POSSO BOX**

holds 150 3.5" disks & can be  
stacked horizontally or  
vertically  
only £15.95

## AMAZING OFFERS ON 3.5" DSDD DISKS

25 DSDD 135 tpi.....£10.95  
50 DSDD 135 tpi.....£20.95  
75 DSDD 135 tpi.....£30.95  
100 DSDD 135 tpi.....£39.95

### SPECIAL OFFER

200 DSDD DISKS & £81.95  
2 X 100 CAP. BOXES

AMIGA 512K (0.5 meg.)  
RAM EXPANSION  
only £35.00  
(including battery backed  
clock & disable switch)

KICKSTART CARD.....£19.95  
VIRUS PROTECTOR...£19.95  
BOOT SELECTOR.....£14.95

DATEL ACTION REPLAY  
(The ultimate cartridge)  
only £57.95

**DISK STORAGE BOXES**

3.5" 100 CAPACITY.....£5.50  
3.5" 50 CAPACITY.....£5.00  
5.25" 100 CAPACITY.....£5.50  
All the above have lock & dividers  
3.5" 10 CAPACITY.....£0.95  
or 10 for.....£7.50

## FOR BULK BUYERS 3.5" DSDD 135tpi DISKS

500.....£187.50  
750.....£269.95  
1000.....£330.00

**DISK DRIVES**

AMIGA 3.5" EXTERNAL DRIVE  
Slimline and very quiet  
only £59.95  
ATARI 3.5" EXTERNAL DRIVE  
Slimline and very quiet  
(Requires no external power supply)  
only £59.95

**£1:00 off**

★★ Standard 50 or 100 capacity boxes when purchased with disks ★★

**LIMITED OFFER  
ONLY  
BRANDED DISKS  
SONY or  
VERBATIM**  
100 3.5" DSDD  
only £69.95  
100 5.25" DSDD  
only £59.95

**3.5" HIGH DENSITY DISKS**

All disks 100% cert. & error free  
10.....£9.95  
25.....£24.45  
50.....£47.50  
75.....£69.75  
100.....£89.95  
inc. Labels

**5.25" DSDD DISKS**

All disks 100% cert. & error free  
50.....£12.95  
100.....£23.95  
150.....£35.25  
200.....£45.95  
Labels & Envelopes supplied

**SWITCHES AND CABLES**

2 WAY DATA SWITCHES:-  
SERIAL.....£12.95  
PARALLEL.....£12.95  
PAR. PRN CABLES...£7.95

**5.25" DSHD DISKS**

All disks 100% cert. & error free  
50.....£22.45  
100.....£43.95  
150.....£62.95  
200.....£79.95  
Labels & Envelopes supplied

**SONY BULK  
3.5" DSDD**

25.....£13.25  
50.....£24.45  
75.....£36.95  
100.....£46.95  
200.....£89.95  
500.....£199.95  
1000.....£369.95

**RAINBOW PACK DISKS**

(Red, Green, Blue, Yellow,  
Orange & White)

3.5" DSDD (100% error free)  
25 DSDD 135tpi.....£15.45  
50 DSDD 135tpi.....£29.45  
75 DSDD 135 tpi.....£42.95  
100 DSDD 135 tpi.....£55.95  
5.25 DSDD (100% error free)  
25 DSDD.....£10.45  
50 DSDD.....£18.95  
75 DSDD.....£27.95  
100 DSDD.....£34.95

COLOURS AND QUANTITIES  
OF YOUR CHOICE

**GENERAL  
ACCESSORIES**

QUALITY MOUSE MATS.....£2.50  
MOUSE POCKETS.....£1.50  
3.5" CLEANING KIT.....£1.80  
5.25" CLEANING KIT.....£1.80  
AMIGA DUST COVER.....£3.95  
ATARI DUST COVER.....£3.95  
2 PIECE PRINTER STAND.....£6.95  
LABELS per 1000.....£9.95  
TILT AND TURN MONITOR STAND  
£12.95

**JOYSTICKS**

PRO 5000.....£12.95  
NAVIGATOR.....£12.95  
KONIX SPEEDSTICK.....£9.95

**RIBBONS**

STAR LC10 MONO.....£3.50  
STAR LC10 COLOUR.....£6.95

**AMIGA PUBLIC DOMAIN**

UTILITIES, GRAPHICS & MUSIC  
GRAPHIC & MUSIC DEMO'S

100's of disks from £1.20 per disk  
10 Public Domain disks in storage  
box £9.95

SEND FOR FREE CATALOGUE  
P.D. disks are inclusive of p&p







# THIRD COAST TECHNOLOGIES



Unit 8, Bradley Hall Trading Estate,  
Standish, Wigan, Lancashire,  
WN6 0XQ

Tel: (0257) 472444 Fax: (0257) 426577

## Hard Drives For The A500 & A2000

### Xetec A500

- \*Xetec hard drives offer the ultimate in terms of performance for the Amiga A500
- \*Faster than any other competitor
- \*Transfer rates of upto 800K/S
- \*Supports tape backup & networking under SCSI
- \*Support of up to 8Mbytes of auto-configuring ram
- \*Compact host adapter with 1 metre connection cable
- \*Comes complete with 40 management utilities & manual

### Xetec A500 Hard Drive & Ram Pricing

Xetec 5OMB 25 Milli Head Park. . . .	£599.99	Xetec Ram . . . .	£129.99
Xetec 65MB 25 Milli Head Park. . . .	£699.99	Xetec 1.5MB . . . .	£229.99
Xetec 85MB 25 Milli Head Park. . . .	£799.99	Xetec 2MB . . . .	£349.99
Xetec 106MB 15 Milli Head Park. . . .	£999.99	Xetec 4MB . . . .	£499.99
Xetec 33OMB 15 Milli Head Park. . . .	£1999.00	Xetec 8MB . . . .	£999.99

### IVS Trumpcard

- \*Supports all embedded hard drives
- \*supports up to 4Mbytes of fast ram
- \*2-3 times faster than the A590
- \*Autoboot roms as standard, uses fastfile
- \*Compact design clips into side of Amiga A500
- \*Memory expandable in 512K, 1MB, 2MB steps
- \*Unique design allows controller & drive to be used with an Amiga 2000 should you ever upgrade



*Supports any 3.5" SCSI drive			
32MB Trumpcard 25 Milli Auto Park A500. . . .	£399.99	Trumpcard Kit. . . .	£199.99
5OMB Trumpcard 25 Milli Auto Park A500. . . .	£479.99	Mela 4 - 2MB . . . .	£299.99
106MB Trumpcard 25 Milli Auto Park A500. . . .	£799.99	Mela 4 - 4MB . . . .	£499.99

### Ram Expansions



### ICD AdRAM A500

AdRAM 540 unpopulated. . . .	£79.99	AdRAM 540 with 2MB . . . .	£169.99
AdRAM 540 with 1/2MB. . . .	£89.99	AdRAM 540 with 2.5MB. . . .	£199.99
AdRAM 540 with 1MB. . . .	£109.99	AdRAM 540 with 3.5MB. . . .	£299.99
AdRAM 540 with 1.5MB. . . .	£124.99	AdRAM 540 with 4.5MB. . . .	£339.99

### ICD AdRAM A2000

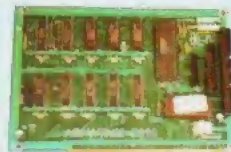
ICD AdRAM 2000 offering support of up to 8MB fully auto configuring ram. Upgradable in stages of 2,4,6 and 8 megabytes uses standard 1"1 Drams. Slots simply into any A2000 card. Supplied with ram checker disk and manual.			
AdRAM A2000 Unpopulated. . . .	£149.99	AdRAM A2000 2MB installed. . . .	£284.99
AdRAM A2000 4MB installed. . . .	£449.99	AdRAM A2000 6MB installed. . . .	£699.99
AdRAM A2000 8MB installed. . . .	£899.99		



Faster Than Any Other Competitor "Amiga Computing"

### ICD ADV 2000 Hard Drives

Advantage 2000 SCSI performance hard drive controller. Supports transfer rates of up to 900K/S. Fully autobooting supporting all embedded SCSI drives & SCSI/ST506 controllers. The ADV controller also supports optical drives, tape streamers & removable media drives. Cache buffering & 20 nanosecond GAL logic make this the fastest controller commercially available for the Amiga 2000 series. Programmable memory cache buffering is also available. ADV will support a drive in the landing bay or on the side of the card.



ADV 2000 Controller. ~~£129.99~~

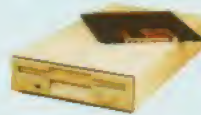
### ICD ADV 2000 Hard Drive Pricing

22MB 25 M/S auto head park & lock . . . .	£349.99	32MB 25 M/S auto head park & lock . . . .	£399.99
5OMB 25 M/S auto head park & lock . . . .	£449.99	65MB 25 M/S auto head park & lock . . . .	£549.99
85MB 25 M/S auto head park & lock . . . .	£599.99	106MB 15 M/S auto head park & lock . . . .	£699.99
33OMB 15 M/S auto head park & lock . . . .	£1999.99	ST506 controller (MFM & RLL) . . . .	£99.99

16MHz 68000 turbo accelerator for the A500 and **16MHz Accelerator A2000**. Offers minimum 95% speed increase 68030 Accelerators lowest prices across the board on all software. Fully compatible call for details  
~~£299.99~~ & unlike a 68020 a fraction of the cost

### Amiga Floppy Drives

internal floppy drive requires no case modification  
external 84 track slimline drive with cable & switch



Internal Floppy £59.99 External Floppy £59.99

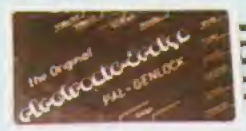
1/2MB Upgrade Board With Clock Only ~~£44.99~~

### Graphics

#### Pro Genlocks

Pro-Genlock offering video in & out, RGB & PAL out. Built in fader. External colour & contrast controls. Supplied with manual and features that leave the Rendale standing

£249.99



#### X-Specs 3D

X-Specs 3D glasses. Allowing 3D images on your Amiga. Supplied to modify existing games & applications. A must for CAD & Digitising software.

£99.99



#### GST Gold Genlock

Pro-Genlock with built in PSU, built in RGB splitter. Video in & out also RGB & PAL out. Built in key Inverter. Allows digitised results to be stored and overlaid onto any VHS recorder. Title and animate any video.

£499.99



All prices are subject to change without notice.



## Why Oh Why?

PRIZE  
Letter

Why does 99% of the leisure software industry ignore any Amiga configuration other than the basic A500, sometimes with two floppy drives? Take *F-29 Retaliator*, every time I want to fly a mission, I have to swap disks four times.

I have now decided not to buy any more software until software companies recognise and resolve my complaint. The industry is going to lose the revenue of like-minded people unless they correct this aberration.

It is unacceptable, it ruins the game and is just bad programming. Furthermore, I have been unable to make a back-up and if Ocean think that I am going to play the game with my master disks write enabled (so that I can save pilot statistics), they have another thing coming. There are countless examples of similar games that exhibit this annoyance.

Now, with new Amiga models with faster and different processors, the increasingly wide use and variety of hard disk systems, and different RAM expansions, there is no excuse for manufacturers to fail to take advantage of each machine's capabilities. "Impossible!" they cry, "We can't be expected to cope with all the different machines out there".

What nonsense. All you have to do is use AmigaDOS to do file I/O for you, rather than writing custom routines to read tracks from a disk individually. AmigaDOS is there to be used, it is the best micro-OS available and allows programs to utilise a machine's particular potential to the full. There are of course objections to using AmigaDOS, each of which crumbles to insignificance under the faintest scrutiny.

Firstly, "It is too slow!" Well, OK, if you want to fill in a triangle on-screen there are quicker ways than using the AreaFill functions. But you are not proscribed from writing your own code to do so. The fact that functions exist which do the same job, albeit slower, does not force you to use them.

Secondly: "Multitasking slows down the machine and makes game timing difficult!" You can close down AmigaDOS, recover a lot of memory and have complete control of the machine with a couple of simple calls. Dave Jones illustrated one method of doing

# Letters

Mail your to scribblings to **BOB WADE, 30 Monmouth Street, Bath, BA1 2BW**. It could earn you a binder and any other paraphernalia lying around the Amiga office. No personal correspondence will be entered in to.

this in his articles; programs request the memory they need in a legal fashion, close down AmigaDOS, do what they want, and then simply restart it when it has finished.

And finally: "It makes the game easy to copy!" Not true. Now I believe game protection is a waste of time, pirates can very easily break it and as pirated versions circulate before originals get into the shops they do not even offer the game one or two months of shelf-life before pirates become available (this is the most common defence for protection). Anyway look at some of the first games to become available for the Amiga (in fact, the first three that I bought).

*Carrier Command*: This loads from a protected disk in one action and does not need access to the disk thereafter. What is more, it has password protection (and timed checksums). This is OK in my book, at least it does not access the disk during play, and the protection does not get in the way of the game. It cannot be installed on a hard disk, which is a pity, but this does not matter as no further loads are required.

*Ferrari Formula 1*: This comes on an AmigaDOS disk and thereafter only accesses the disk if there is not enough RAM to load it all (ie with 1Mb there are no accesses). With a bit of effort it can be installed on a hard disk (this is not for the uninitiated or faint-hearted however). The protection? The excellent key-disk method is used, in this case the user must enter the original disk, when the program checks a few reserved blocks on the disk. Once this is checked, the program runs beautifully with no other checks. I cannot make a complete working back-up of the disk (ie a potentially

pirate copy), but I can use an AmigaDOS-Duplicated version and pop my original into the drive for the protection check.

*F/A-18 Interceptor*: Comes on an AmigaDOS disk; can be duplicated; protection by the codewheels and checksums. Can also be installed on a hard disk with a lot of effort, still needs the codewheel to be used. In this case the protection is a bit of a pain as you have to keep resorting to the wheel, but this is tied in nicely with the game scenarios.

These three examples are far from ideal, but are better than current offerings because they utilise extra memory to reduce disk accesses or offer extra features, and are still protected from pirating but this does not affect the gameplay. *F-29* (as an example, though is no worse than many others) does not utilise extra memory, because the protection cannot be installed on a hard disk, and is rendered unplayable because of the number of swaps required per game, and the need to leave masterdisk write enabled.

For all these reasons, I have decided not to buy any software unless it uses any extra memory to completely remove the necessity for disk swaps; it can be installed on a hard disk; works correctly with faster and better processors eg 68020, and can be easily backed up.

It is up to us, as users, to vote with our wallets and avoid software which does not perform as required, and up to mags like AF to tell us which programs can be installed on hard disks or utilise extra memory, and to slate those which are virtually unplayable on single-floppy systems.

Phil Brown  
Epsom, Surrey

The problems we are suffering now are a hangover from the days of tape-based loading systems and I agree with you that things are going to have to change. If software houses and programmers expect the public to regard them as professional outfits then they are going to have to do several things: make backing up master disks possible, make replacing corrupted disks easier, take advantage of multi-disk and hard-disk systems and use available memory. Most US produced PC software is done this way as a matter of course and that's the way it will have to be over here, otherwise I fear you may not be the only one who refuses to pay money for 'amateurish' games.

On a similar note...

## "Copy" Cat

In Issue 17 I saw the article on "can't copy" in *Workbench* by Pat Macdonald. I also have found that most of my software won't let me make a back-up copy. I was going to write to you and ask why but I am afraid John Barnes from Chingford beat me to it.

Now I understand software houses such as Ocean and Elite protect their products, understandably I suppose. But once again pirates spoil it for everyone else. I think software houses should let us know the product can't be copied, to save us the time trying to copy it. My point is why can't software houses make back-up copies for us. If we sent them a blank initialised disk they could make a back-up copy still protected for us.

John Shaw  
Chesterfield

Another good idea, has anyone else got any suggestions?



# ASTROLOGY

**TEACH YOURSELF** with our **STARTER PACK**  
Comprises a simple program to calculate a horoscope,  
an introductory booklet & 2 self-teaching programs  
(how to interpret the horoscope).

**Only £12.50 - No previous knowledge required**  
Payment by Access/Visa, Cheque, etc.

Or send for free catalogue of our wide range of programs for  
**PROFESSIONAL ASTROLOGERS isae** (33p - about 9" x 7").  
Progression, transits, harmonics, midpoints, etc.  
Superb graphics, 5000 year ephemeris, etc (from £25).  
Also **GRAPHOLOGY, NUMEROLOGY, etc**

## ASTROCALC

(Dept AF), 67 Peascroft Road, Hemel Hempstead  
Herts, HP3 8ER, England. tel/fax: 0442 251809

### AMIGAS ARE USELESS!

So you have got an Amiga or are getting one for Christmas either for yourself or your children? Your Amiga gives you hours of fun but do you care for the Amiga as much as it cares for you? When we get dirty we can have a shower and everything is fine again, but when the Amiga gets dirty disaster could strike! If you let dust or even liquids spill on to your keyboard, as accidents do happen, you could damage it and it may cost you a lot to repair! If this happens your Amiga could become **USELESS! NOW THERE IS AN ANSWER** - We sell plastic covers which are made especially for the Amiga family of computers, moulded so they fit over every key and allow you to type whilst the cover is on, giving your Amiga all the protection it needs. Can you afford to be without one this Christmas?

Please state A500/A1500/A2000. £9.99 inc P&P.

#### OTHER PRODUCTS

KCS PC Board .....£320.00  
PRO-4 Modem .....£319.99  
Keep your Kids occupied  
with PD games pack (10 disks) .....£9.99

#### DISKS 37p

All prices include P&P except disks.  
Please add £2.95



#### HOW TO ORDER

Goods despatched within 24hrs



1) By phone 24hrs /  
7 days 051-924-0200  
with Access / Visa

2) By fax with  
Access/Visa + exp.  
date on: 051-931-3857

3) By post: send cheque or postal order or  
credit card No. + exp date to: Unbeatable  
Prices Ltd. PO Box 5, Liverpool L23 0XG

Tel: 0533  
440041  
Fax: 0533  
440650



ALTERNATIVE IMAGE

6 Lothair Rd.  
Aylestone  
Leicester  
LE2 7QB

### IMAGINE — Your Video with Scrolling Titles

With the **BIG ALTERNATIVE SCROLLER** you can have **VERY SMOOTH, REAL TIME SCROLLING** for **TITLES OR CONTINUOUS INFORMATION DISPLAY** — get your message across, **VERTICALLY** or **HORIZONTALLY**, in high resolution with full overscan. Choose from 8 fonts and 4 definable colours ... Imagine a British programme that's fully supported and **FAST** but **EASY TO USE** and you've got ... **THE BIG ALTERNATIVE SCROLLER.**

### IMAGINE — Your own Amiga Graphics on Slide

Imagine a Bureau Service that can take your creative graphics and output them onto 35mm slide — in all resolutions except overscan and halfbrite. Dream no longer — send for our disk with safe areas and examples. Unmounted prices (inc. VAT & 1st class UK postage) are: 1—£5.00; 2-10 £4.00; 11-20— £3.00; 20+—£2.00 (Glass Mounts extra 30p each)  
Cheques/Postal Orders with order please. Allow 1 week for delivery

### IMAGINE — Your Animations on Video Tape

See your animations outputted via broadcast quality equipment onto most formats of videotape. Minimum charge £10 inc. VAT & postage (VHS only).  
Imagine IFF files rendered frame-by-frame onto BVUSP tape for true 25 frames per second animation using the unique Simpatica hardware and software.

### DREAM NO LONGER

PHONE ALTERNATIVE IMAGE TO DISCUSS YOUR REQUIREMENTS

# SORRY! THE WORLD IS OUR LIMIT!

TOP QUALITY 3.5" DS/DD DISCS AT EXPORT PRICES

ALL OUR DISCS ARE GUARANTEED

Call for top  
prices on any  
Amiga  
Software

NUMBER OF DISCS ORDERED	PRICES PER DISC IN BOXES OF 10 WITH LABELS					
	GERMANY DM	U.K. P	U.S.A. \$	ITALY LIRE	SWEDEN KRUNE	SPAIN PESETA
10-90	0.96	33p	0.65	740	3.60	62
100-490	0.92	32p	0.63	710	3.50	60
500+	0.87	30p	0.59	670	3.30	56
	IN BOXES OF 50 WITHOUT LABELS					
50-450	0.87	30p	0.59	670	3.30	56
500+	0.83	29p	0.57	640	3.20	53
POSTAGE (per order)	10.00	3.50	7.00	7700	38.00	650

Outside Europe shipping charged at cost.

Payments accepted in other currencies at current exchange rate against DM. N. Croxton, 27 Jacobean Lane, Knowle, Solihull,

Please note: These prices do not include any local taxes (eg V.A.T.)

West Midlands B93 9LP.

Tel: 056477 8608

Prices subject to variation following changes in exchange rates etc.

To: **GTI International Amiga Service, Zimmersmuhlenweg 73, 6370 Oberursel, West Germany.**  
Telephone (49) 6171 73048 Fax (49) 6171 8302

Please send me \_\_\_\_\_ 3.5" DS/DD Discs in boxes of 10/50.

NAME ..... ADDRESS .....



Method of payment:

- Eurocheque enclosed.
- Cash enclosed (please use registered mail!).
- Access/Visa/Eurocard/Mastercard/Amex/Diners
- (Credit Card Number \_\_\_\_\_ Expiry \_\_\_\_\_)
- Cash-On-Delivery (Only available in Austria, Belgium, Denmark, Finland, France, Germany, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland & U.K.).



## A Cry For Help

I am sitting in front of my new Amiga getting rather frustrated about a certain aircraft-carrier that I'm supposed to destroy! With what, my potato gun? I have tried and tried - blasting it with both types of missile and my gun. I even tried flying into the ruddy thing! But all to no avail. Can anyone out there help me?

RN Witten  
Leicestershire

You must mean the submersible aircraft-carrier in F-18 Interceptor. You'll be pleased, or possibly exasperated, to know that you don't actually have to sink the submersible aircraft-carrier - just destroy all the planes and missiles that appear on that mission and you'll complete it.

## VFM?

The Office of Fair Trading, the official consumer watchdog, is currently investigating the price of compact discs, after allegations that record companies have been "profiteering". Should not

software companies have to answer a similar charge over the price of computer games for 16-bit machines?

The argument is simple. The price of a CD is broadly made up of three elements: production/recording, the cost of materials and reproduction and profit. Records, cassettes and compact discs are all produced from the same original masters.

The respective costs of the material for each of the formats are also comparable. It costs less than £1 to produce a CD. Why, then, does a newly-released album cost around £12 on compact disc but only about £8 on a record or cassette?

The same argument can be applied to 16-bit games. The cost of developing an individual game, as such, is a particular figure, regardless of the formats in which it is eventually released. We are frequently told 16-bit games cost considerably more to develop than 8-bit games. Accepted. But, more often than not, games are originally developed on 16-bit games machines and are then converted into the respective 8-bit formats. By this

argument, 8-bit games should be more expensive than 16-bit games, having the additional cost of conversion.

As for the cost of materials, the standard 3.5 inch disks used by the 16-bit machines are no more expensive, if not cheaper, than the basic materials used for 8-bit machines; such as cassettes and Amstrad's non-standard 3 inch disks, for example.

Why, then, do newly-released games cost downwards of £12.99 for 8-bit machines and upwards of £19.99 for 16-bit machines? And why do the same games cost less in America?

Record companies have argued that albums sell fewer copies on CD than on record or cassette. Software companies argue that games sell fewer copies in 16-bit formats than in 8-bit formats. Each one of these arguments has been dramatically eroded in recent months. Annual CD sales have rocketed from 29 million to 48 million in the last two years, during which time record sales have plummeted by 40%. In recent months, Commodore Amigas have reportedly been the best-selling home computers.

It is clear that the Office of Fair Trading feels that the record industry has a case to answer over the price of CDs. It is equally clear - is it not - that software companies have a similar case to answer over the price of their 16-bit games?

Kevin Patton  
East Dereham, Norfolk

*The case is not so clear for the computer market, although there certainly is a case to answer. Though the Amiga is selling in great numbers, the number of unit sales of Amiga software is still relatively low in comparison with the CD and record markets. Personally I am less worried by the price of software than I am by the quality of some software. Most people are prepared to pay £20-£30 for a game but they rightly expect to get a lot of entertainment for that money - something which much of the software around simply does not deliver. Lowering prices will just guarantee that we don't get better games, so what we need to do is to keep pressuring for better software that's worth getting and vote with our wallets.*

**YOU'VE HEARD THE TAPE - SEE THE VIDEO - NOW TRY THE DISK. THE WORLDS FINEST DISKS FROM T.D.K. & K.A.O.**

**KAO MF2DD**  
Double sided  
1Mb capacity

**OPENING TIMES:-**  
MON - FRI 9.30 AM - 7PM  
SAT 9.30AM - 6PM  
SUN 10.00AM - 3PM

3.5"	MF2DD	135 tpi double sided double density	KAO	TDK
3.5"	MF2HD	135 tpi double sided high density	£9.00	£9.00
5.25"	MD2DD	96 tpi double sided double density	£15.00	£16.00
5.25"	MD2HD	96 tpi double sided high density	£5.00	£5.50

KAO DISKAROO DISK WALLET CONTAINING 10 BRANDED MF2DD DISKS  
3.5" + 5.25" POSSO BOXES ONLY £14.00

1 MEGABYTE 3.5" MF2DD BULK	50p	£24.00	£48.00
2 MEGABYTE 3.5" MF2HD BULK	£1.00	£48.00	£95.00

(Purchases of 100+ disks will include a 3.5" disk drive cleaning kit free!)

All above disks are 100% error free & warranted free from defects & as such carry a 1 for 1 guarantee

**ATARI ST & AMIGA SPECIALISTS**  
STAR PRINTERS - LC10 £150, LC200 COLOUR £210, LC24-200 £255, LC24-200 COLOUR £290  
All complete with FREE IBM leads

Send call phone/fax for free price list  
NB All prices inc. VAT with FREE postage & packing on orders over £50.00

**K.C. VIDEO**  
6 & 8 DONCASTER ROAD, SOUTH ELMSALL,  
NR. PONTEFRAC, WEST YORKS, WF9 2YZ  
TEL: (0977) 649100 FAX: (0977) 643312

Access

**36p inc VAT**

**3 1/2" DISKS inc LABELS**

**KYC DISKS**

These disks are 100% error free and fully guaranteed with a 2 for 1 replacement. Send SAE and we will send you a free disk to try. Limited quantity only. We're sure you will order from us in the future.

**VHS E180s**  
VHS video tapes, high quality made under license from JVC (Victor Company of Japan) with full money back guarantee. No quibbles  
**£1.50**

**AMIGA A500**  
Flight Of Fantasy, Bat Pack or Screen Gems for only £340.00 or one of the above plus external drive plus upgrade and 1meg demo £469.00

**POSSO BOXES**  
Holds 150 3 1/2" disks in attractive black  
**£16.95**

**KYC DISKS**  
51 Barmouth Road, Wandsworth  
London SW18 2DT  
phone : 081 870 0469

All prices inc VAT send Cheques or Postal Orders To  
Open 7 days a week from 10-7pm

Access

## SOFT EXCHANGE

3.5" DS/DD DISC WITH LABELS  
GUARANTEED 100% ERROR FREE  
ALL OUR DISCS ARE OF HIGH QUALITY  
MANUFACTURED BY SONY OR MITSUBISHI

PRICES ARE INCLUSIVE OF VAT POSTAGE & PACKING

OUR PRICE PROMISE: IF YOU CAN BUY CHEAPER WE WILL NOT ONLY BEAT THE PRICE BUT GIVE YOU A FREE STORAGE BOX FREE WITH YOUR ORDER.

SERIOUS AND LEISURE SOFTWARE CATALOGUE AVAILABLE NOW

10 Discs.....	£4.49	100 Discs.....	£35.99
20 Discs.....	£7.99	200 Discs.....	£69.99
30 Discs.....	£11.49	500 Discs.....	£154.99
40 Discs.....	£14.49	1000 Discs.....	£294.99
50 Discs.....	£17.50		
Disc Box 3.5" 100 capacity.....	£9.99		
Disc Box 3.5" 80 capacity.....	£8.99		
Disc Box 3.5" 40 capacity.....	£7.99		

## ALL TITLES AT £3.99 EACH

Plutos - Phalanx - Frostbyte - Ballistix - Prison - Slayer - Zynaps - Exolox - Chambers of Shaolin - Battle Valley - Cybernoid II - Eye of Horus - Combat Course - High Steel - Space Station - Demolition - Quantax - Protector - Fireblaster - Challenger - Starways - Space Battle - Vader - Brainstorm - Rock - Suicide Mission - Beat it - Tracers - Jump Jet - Shooting Star - Pool - Artura - The Deep - Outlaw - Speed - Hotshot - Eye - Final Trip - Eagles Nest - Sky Fighter.

**Send chq/PO (no cash)**  
**Soft Exchange 2, 101 Clifton Road,**  
**South Norwood LONDON SE25 6QA**  
**081 653 9094**  
**(24HRS ansaphone)**

Access



## Child's Play

Like many other new Amiga owners we, too, find books and magazines puzzling at times, and self-teaching needs most of all a great deal of patience, persistence and practice.

Try looking through some Usborne Computer Books for children in your library. Although intended for use with a different machine, some of the example listings are good and do work on the Amiga. Others explain computing jargon and functions very helpfully. As for AmigaBASIC programming buy Kids & The Amiga (Compute Books) and never mind your age!

**W Eastleigh  
Hants**

Thanks for the tips.

As I have owned an Amiga 500 and A590 hard disk for over a year now, and have transferred all my serious software onto the hard disk, I now find that I have hundreds of pounds worth of software on the original floppy disks. Could I legally sell these disks eg Protex, Pagesetter, DPaint,

Distant Suns etc as technically I will be left with the copies which could possibly be deemed as pirated software?

**Phil Sampson  
Ilford, Essex**

*No you can't sell them because, as you say, once you have done so what you are left with are pirated copies.*

## Porno Domain

In response to Kevin King's letter, in AF Issue 17, relating to a governing body concerning pornographic software, as far as I am aware, although to date there have been no test cases, Section 2(i) of the Obscene Publications Act 1959 appears to apply to PD library publication of porno-ware.

It states, "Any person who, whether for gain or not, publishes an obscene article, or who has an obscene article for publication for gain, commits an offence". (Punishable by a maximum of three years imprisonment). An "article" includes ... any sound record, film or other record of a

picture. To "publish" includes to distribute, circulate, sell, lend, give, hire, or offer for sale.

The Obscene Publications Department of your local police force are empowered to enforce this legislation, however to prove this offence it must be shown that the material would deprave or corrupt any person likely to see or hear it.

Proving an offence may be difficult, but there has to be a first time for everything. Which PD Library is it going to be?

**Graham Platt  
Stalybridge, Cheshire**

*Another disturbing recent event was when one of AF's readers who had ordered some PD software from a company in Europe and which was confiscated by customs as pornographic material. It clearly is time the PD houses that distribute this sort of material cleaned up their act, otherwise intervention by the law and concerned organisations cannot be far away. I fear we could end up with another case of the minority tarnishing the reputation of not just PD software but computing in general.*

## Company Costs

With reference to Mr A Bishop's letter in Issue 17 I have been thinking about the various figures he quotes, and would like to quote a few of my own.

An average PD order would be two disks per customer, per month, Mr B claims 17,000 regular customers. At the price he listed he charges, £6 x 12 months x 17,000 customers is a total of, wait for it, one and a quarter million pounds per year.

I thought PD was profit free! A4 adverts in magazines would average £36,000 a year. Postage on each order which would be at its highest 22p per disk, price £90,000.

Salaries would only total £70,000. Office space and admin costs might come to 10% of a company's turnover, approximately £122,400. The free catalogue would cost no more than around 35p per customer with postage. The media itself costs only 25p at trade prices.

Total costs: £290,000, leaving a healthy £1m for Mr B to play with. Is this really justifiable?

## COURSEMASTER

The Computer Horseracing Program

- RATES ANY RACE IN SECONDS - ANY DAILY NEWSPAPER IS ALL YOU NEED
- NEVER out of date - Both N. Hunt & Flat - Fast Data Entry
- AMAZING ACCURACY! - Now you CAN BEAT THE BOOKIE!
- Wins on the simple principle that FAST HORSES BEAT SLOW ONES!
- Clearly identifies best selection in every race plus these AMAZING features -
- First, Second and Third choice shown for Forecasts & Tricasts, etc.
- Recommends most suitable type of bet
- Actually works out your WINNINGS on most popular bets including SINGLES & DOUBLES, win and each way. PATENTS, YANKEES, CANADIANS, HEINZ etc.
- GOOD EACH WAY and LONG ODDS bets clearly shown.
- Will PRINT out your BETTING SLIP for you.
- Maintains a BANK ACCOUNT - BET like PROFESSIONALS do! Records all your bets in any number of accounts. Keep a complete record of your betting or compare COURSEMASTER against your favourite tipster.
- PLUS!!! - The AMAZING COURSEMASTER SYSTEM. This superb betting system is included in the program. A system which regularly produces huge wins from small stakes. Try it! It can pay for itself many times over on the first day!
- Supplied with 20 PAGE BETTING GUIDE and MANUAL.
- £17.95 tapes, £19.95 discs, inc P&P + VAT

## PERM-MASTER

If you are one of those pools punters who regularly uses the perm plans for entering your weekly coupon (as we at Intraset recommend). Then it is often difficult to assess whether or not you have actually won. PERM-MASTER puts an end to that. With it you simply enter the number of points obtained for each of your selections, and PERM-MASTER does the rest. The program is supplied already with some of the top plans built in, but if your favourite is not there, then you can simply create your own, using the unique perm editor.

- FAST and SIMPLE to use.
- UNIQUE PERM EDITOR allows you to add plans not supplied (Simply edit the X's)
- For most BLOCK PERMS and SINGLE LINE plans. (Up to 25 selections)

Available as for POOLSMASTER @ £17.95 inc P&P + VAT

## £ PROFIT FROM YOUR MICRO

- WHATEVER your MICRO is you can use it to make a good income!
- Even if you only have a couple of hours to spare each week.
- We have put together a package of easy, sensible and practical business ideas which can easily be used by anyone with any micro.
- No computer expertise required!
- Earn £££'s from home doing what you enjoy doing - using your COMPUTER! It doesn't matter which model.
- You probably already have all you need to start earning.
- THOUSANDS of potential customers in your area who will GLADLY pay for your services. We will show you how to find them!
- Full step by step guide to EARNING MONEY FROM YOUR MICRO FREE BUSINESS IDEAS CASSETTE TAPE WITH EVERY COPY

£12.95 inclusive

All prog available for all PC's, all IBM PC's - compatibles, Amstrad PC's, Atari - Amiga - GPC 6128. Coursemaster - Poolmaster also available for Spectrum, Commodore 64+128, CPC 464-624.

## POOLSMASTER

(Formerly 'Pools Predictor' by Converg Computer Systems)  
The Computer Football Pools Predictor

The amazing POOLSMASTER program is by far the best Pools Predictor we have ever seen. In just 10 weeks of trying this program ourselves, we won no less than 12 divisions, the largest being nearly £300. Mr F.C. Hammond from Essex won nearly £10,000.00 in just 16 weeks in his own words 'It's a licence to print money. POOLSMASTER is simple to use and requires only that you keep the league tables up to date using your usual newspaper.

The result of many years research into the Football Pools by the programmer Martin Evans of C.C.S., the program is a masterpiece of expertise, and is simplicity itself to use.

- Predicts Homes, Aways and Draws
- No fiddly typing in of teams names etc and no redundant databases
- Instant read-out or hardcopy if you have a printer
- Uses scientific formula based on recent form home and away, league position, goals scored etc. It has long been realised that certain combinations of these factors return a much higher than average of draws than the laws of average would expect. POOLSMASTER looks for these factors and analyses their significance to give you the best possible chance of a win.
- Also has a Sequence Predictor option. Many people believe that certain numbers on the coupon come up more often than others, and over a season patterns do seem to develop. The program analyses these patterns and predicts the numbers most likely to come up next. Certainly more scientific than sticking a pin in, or family birthdays etc.

If you do the POOLS then this is the program for you.

@ £17.95 tapes, £19.95 discs, inc P&P + VAT

## +++SPECIAL OFFER+++

**SPECIAL COMPENDIUM DISKS:** Please state British or Australian version  
CONTAINING BOTH POOLSMASTER AND PERM-MASTER - £36.95  
CONTAINING POOLS, PERM and COURSEMASTER - £49.95  
**BUY ANY THREE DISKS (OR TWO INCL COMPENDIUM)  
AND RECEIVE PROFIT FROM YOUR MICRO ABSOLUTELY FREE**

## THE GRAPHOLOGIST

This program is a must for anyone interested in analysing their handwriting, or analysing other peoples. It is also very useful for analysing prospective employees handwriting. To use the program, a sample of handwriting is obtained, preferably in ink. From the main menu of the program you will be prompted and guided to examine each detail of the sample. You will then be taken through deeper and deeper sets of sub menus, all prompting you for relevant details of the writing, and the points to watch for, and add to the file if applicable.

Upon completion you are left with a disk file up to 15 pages long (depending on the depth of detail you choose), this file can then be edited within your word processor to produce a full report for the writer.

Fully experienced Graphologists can charge almost what they like for a full analysis, so this could prove a very lucrative business venture for you.

We must however stress, that unless you are experienced in graphology, then we can in no way guarantee the accuracy of the information that the program provides. If you are an enthusiastic amateur or just curious, then this program could provide hours of entertainment, whilst teaching you the finer art of this fascinating subject.

The text within THE GRAPHOLOGIST was researched and written by a top London graphologist/criminologist James Woodward. The software was written by Martin Evans our consultant software writer.

@ £49.95 inc P&P + VAT

## CASHMASTER

Master your own finances. There is now no need to be frightened by accountancy software. CASHMASTER provides you with the easiest method yet invented to keep track of all your finances. Be you a business or professional (individual), you are sure to need to know where your money is going. CASHMASTER will allow you to input all the necessary information per transaction in one simple operation, whilst allowing you to extract the absolute maximum from it all again with an array of statements and reports.

- Features VAT analysis
- Easy, natural data entry - Just like a handwritten ledger
- Any amount of ledger files
- Ledgers can span any time period, there is no one year limit
- Reports can be produced over any time span (1 day to 100 years)
- 90/99 Class Codes (User definable) per ledger file
- 30/99 Accounts per ledger file
- Detailed statements showing balances (Selected accounts & classes)
- Profit & Loss Statements (Selected accounts & classes totals)
- Tagging of entries for extra report selectivity
- Items can be inclusive, Exclusive or Zero VAT or VAT can be just ignored
- VAT element automatically calculated and displayed
- Pop up running total calculator
- Entries can be repeated with just one key press (Standing Orders etc) Weekly, Fortnightly, Monthly, Quarterly, Half Yearly or Yearly
- Entries can be edited or deleted at any time
- Insert entries anywhere, CASHMASTER puts them in chronological order for you
- Reports directable to Screen, Printer or Disk file
- Detailed selectivity for reports
- Reference field for each entry (Invoice No, Desp Note No etc)
- 10,000 entries-PC version, 2,000 PCWs
- No need for sorts, always in correct order
- All functions and operations available from main program screen
- Most functions operate from a single key press
- Scan through the ledger a line, or page at a time if required
- Split and merge file
- Class and Account code descriptions visible at all times. Scroll through pages of codes with one key press
- FREE separate running total calculator for adding up those cheques, useful for those quick sums

WE APOLOGISE TO ALL OTHER SOFTWARE WRITERS AND TO ANYONE ELSE WHO HAS BOUGHT THE OTHER SO CALLED 'EASY TO USE' PROGRAMS. CASHMASTER REALLY DOES BLOW THE LID OFF COMPUTERISED ACCOUNTING.

**THIS IS HOW IT SHOULD BE DONE**

Not only superior to the competition, it's far cheaper too!  
@ £29.95 inc P&P + VAT

**INTRASET LTD, (DEPT AF)**

FREEPOST

No 10 WOODSIDE AVENUE,  
CLAYTON-LE-WOODS,  
CHORLEY, LANCASHIRE PR6 7QF

Tel: 0490 3284 9am - 6pm or

02572 76800 24hr ordering

Order by fax 025 72 74753



Olivetti IBM



# SAINTSOFT

**ARE  
YOU  
BORED  
TO DEATH?**



Is that game not what you expected? Or has it just lost its excitement?  
Then you need to join the club with a difference...

Some of the Amiga titles on offer:-

	R.R.P.	OUR
WINGS	29.99	20.99
DAYS OF THUNDER	24.99	17.49
THE IMMORTAL	24.99	17.49
SERIUS 7	19.99	13.99
COUNT DUCKULA	9.99	6.99
BEAST 2	34.99	24.99
BACK TO THE FUTURE II	24.99	17.49
CORPORATION	24.99	17.49

Plus many, many more.  
(Prices include P & P and are correct at time of going to press.)

For a ONCE ONLY \$5.00 membership you get:-

- A large range of games at competitive prices to buy from, including all new releases
- The option to sell games back to SAINTSOFT for half the purchase price
- FREE post and packing for all purchases
- First Class postage and same day returns on all orders
- FREE monthly issue of the Club's magazine featuring news, reviews, special offers, competitions, members' letters etc.
- Participation in sales of stock every month at ridiculously low low prices

**SAINTSOFT we sell games, but we also buy them back!!!**

Please consider this coupon as an application for membership to the SAINTSOFT Computer Club and kindly accept my cheque P.O. for \$5. If I am successful I will be rushed my membership starter pack, otherwise my money will be refunded. I understand I am under no obligation to purchase any product and, if I am not completely satisfied I shall return my membership starter pack within 14 days of receipt, upon which my \$5 will be refunded in full.

Surname \_\_\_\_\_  
 Forename \_\_\_\_\_  
 Address \_\_\_\_\_  
 Town/City \_\_\_\_\_  
 Postcode \_\_\_\_\_

Send to:- SAINTSOFT Computer Club, Amiga Division, P.O. Box 44, Harrogate, North Yorkshire HG2 0TJ

**HURRY! Limited membership, and REMEMBER, absolutely NO commitment & NO obligation to buy!**



??  
Do you get  
the best out  
of your Amiga  
???

Amiga Amiga Amiga Amiga Amiga Amiga

The U.K. Amiga Users Group is the Largest Amiga only user group in the world. We are now in our fourth year and are the most established and experienced Amiga user group in the U.K. We have over 1,500 members and are able to offer an unrivalled level of support. Our members receive a 60+ page bi-monthly newsletter packed with articles of interest at all levels, we have a massive library of public domain software and run an Amiga only bulletin board. We offer our members superb discounts on all hardware, software and books. The U.K.A.U.G. is the group to belong to regardless of your age or level of experience, our aim being to provide support and encouragement to everyone. Why not join us and start to appreciate what Amiga computing is all about.

For more info  
send a stamped  
addressed envelope  
or telephone...  
The U.K. Amiga User Group  
144 Charles Street  
LEICESTER LE1 1LB  
(0533)  
510066

**WIN! WIN! WIN!**

Make it a Happy New Year with  
Play To Win's January competitions.

- 1 - £250 of software of your choice.  
Ring **0836 - 405107.**
- 2 - Wow! Pick your own prize - anything you want up to £150. Ring **0836 - 405108.**
- 3 - Another chance to win a 16-Bit Megadrive.  
Ring **0836 - 405106.**
- 4 - Its hand-held time. Win an Atari Lynx.  
Ring **0836 - 405109.**

January competitions run from 1st to 31st January. 24 hours  
February competitions start on 1st February. Four great new prizes.

Calls charged at 33p per minute cheap rate. 44p all other times.  
Ask whoever pays the bill prior to phoning.

**PLAY TO WIN**

159 Strathmore Avenue, Luton, LU1 3QR  
Tel: 0582 413943 WE ALSO SELL EVERYTHING

**WESTONING LTD**

NEW LOW, LOW PRICES!

31/2 DS/DD  
30p  
Inc labels

51/4 DS/DD.. 20p  
51/4 DS/HD.. 38p

31/2  
Branded  
£4.99  
for 10

31/2 DS/HD 70p

31/2 BOXES  
40 cap £3.50  
80 cap £4.00  
150 cap £10.75

51/4 BOXES  
50 cap £3.50  
100 cap £4.00

★ NO QUIBBLE GUARANTEE - FOR LIFE!

ADD £4 P&P OR £9 NEXT DAY DELIVERY

**AMIGA**

Screen Gems.....	£349
First Steps.....	£495
Class 90s.....	£495
External Drive.....	£55
1/2 meg upgrade with Clock.....	£35
1/2 meg upgrade without clock.....	£29
1 1/2 meg upgrade with clock.....	£90
1 1/2 meg upgrade without clock.....	£80

VISA

Access

**SPECIALS**

Star LC20.....	£146
Star LC200.....	£199
Phillips CM8833.....	£209
Atari Discovery.....	£257

ALL PRICES INCLUDING V.A.T

**WESTONING LTD**

12 SANDERSON ROAD, WESTONING, BEDFORD MK45 5JY  
TEL: 0525 718668 0836 775060

Reach the top  
with.....

LCL

NEW

Self-Tuition Courses

World leaders - Hons graduate/teacher authors - At all major  
shows - £5 off total for 2, £10 off for 3

READING WRITING COURSE

NEW

NATIONAL CURRICULUM (AT 1-5) 24 program course teaching  
reading & writing plus 2 books & voice tape £24

PRIMARY MATHS COURSE

Complete course for ages  
3-12 years with full screen  
colour graphics.

NATIONAL CURRICULUM (Levels 1-4) 24 programs + 2 books. £24

MEGA MATHS

A-level step-by-step course of 24  
programs. Full screen graphics for  
calculus. £24 (Amiga, CPC, BBC).

MICRO MATHS

Complete course taking beginners to GCSE in 24 programs on 59 topics  
+ 2 books. £24 (Amiga, ST, PC, PCW, CPC, BBC)

MICRO FRENCH

Complete course taking beginners to GCSE, with real speech &  
graphics adventure game, 24 programs + 2 books. £24 (Amiga, BBC)

MICRO ENGLISH

NEW

Complete course taking age 8 years to GCSE. Also for EFL. Now  
covers writing (punctuation, spelling etc), reading and oral. 24  
programs and 2 books at £24 (Amiga, PCW, CPC, BBC).

Send coupon and cheques/PO's or phone orders  
or requests for free colour poster/catalogue to:

LCL (DEPT AMF) THAMES HOUSE, 73 BLANDY ROAD,  
HENLEY-ON-THAMES, OXON RG9 1QB

Phone now  
for immediate  
despatch


VISA

or ring 0491 579345 (24 hrs)

Access

Name.....  
Address.....  
Title.....  
Computer.....



**FLEXIDUMP**   
 STAR LC10 COLOUR CITIZEN SWIFT  
 THE ULTIMATE COLOUR DUMP  
 SOFTWARE FOR A RANGE OF COLOUR PRINTERS  
 REQUIRES AT LEAST 1 MEG OF MEMORY £39.95c

# FLEXIDUMP

*Superb Colour Printer Dumps*  
**AMIGA**  
 Drives a wide range of  
 Dot Matrix Colour Printers  
 including Star LC10, LC24,  
 Citizen Swift, NEC,  
 LC200, LC200 24.

Requires 1 Meg Memory **£39.95c**

## T-SHIRTS PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT  
 4-colour heat transfer ribbon .....£17.25c  
 Epson FX80 LX80 LX800 FX100 Star NL10, NX10,  
 Okidata 80-82, Citizen 120D  
 Star LC10 Panasonic 1080-81 (Black) .....£11.50c  
 heat transfer colour pens - set of 5 large .....£17.25c  
 heat transfer colour pens - set of 5 small .....£13.80c  
 heat transfer ribbons for other makes of printer available soon - phone for details

**HOW TO ORDER:** Enclose your cheques/PO made payable to Care Electronics or use Access, Visa. Please add carriage. c=£1.38.

**CARE ELECTRONICS** 800 St Albans Road,  
 Garston, Watford, Herts, WD2 6NL. Tel: 0923 672102

**TREASURE ISLAND** *CASH PRIZES*

1 2 3 4 5 6 7 8 9 10



USE YOUR VOICE TO LOCATE THE TREASURE

**0898 313 586**

Local PO Box 36 LS1 4TN Call Charges 33P Per min Cheap Rate 44P all other times

### MAKE YOUR AMIGA EARN!

Making money with your Amiga becomes incidental when you know how. Your hero is, if only you knew it, a gold mine. The size and make is irrelevant. Make the real effort NOW by starting your own

#### HOME BASED BUSINESS

*This may be the most important move you will ever make!*

REMEMBER: You'll never get rich by digging someone else's "ditch". Anyone in the country, including YOU, can become very rich in a relatively short period of time just by doing a few basic things! It's more rewarding than playing games. The benefits are many and varied. Full or part time. For FREE details send S.A.E. to:

## HOME BASED BUSINESS

31, PILTON PLACE (AF 19)  
 KING AND QUEEN STREET,  
 WALWORTH, LONDON SE17 1DR

# POST HASTE

ALL PRICES INCLUDE VAT, POSTAGE AND PACKING TO YOUR DOOR!

## SOFTWARE

Specials

Specials

3D-Pool	7.99	Maxiplan (Spreadsheet)	24.99
After the War	6.99	Moonwalker	7.99
Battle Valley	4.99	New Zealand Story	9.99
Cloud Kingdoms	7.99	P47 Thunderbolt	8.99
Comicseller	19.99	Photon Paint II	9.99
Crackdown	7.99	Rick Dangerous	8.99
Defenders of the Earth	7.99	Rock-n-Roll	6.99
Deluxe Paint II	9.99	RVF Honda	8.99
Drivin' Force	6.99	Seven Gates of Jambala	6.99
Dynasty Wars	7.99	Shadow of the Beast	9.99
E-Motion	7.99	Skrull the Barbarian	4.99
Espionage	6.99	Soldier 2000	6.99
F-18 Interceptor	6.99	Sonic Boom	6.99
Fantavision	19.99	Sound Express (Sampler)	27.99
Fighter Bomber	12.99	Space Harrier II	7.99
Fighter Bomber Mission	8.99	Spritz	14.99
Fusion	4.99	Stunt Car Racer	9.99
Hammerfist	9.99	Super Wonderboy	7.99
Hostages	6.99	The Running Man	7.99
Iron Tracker	4.99	Thunderbirds	6.99
Kid Gloves	6.99	Tower of Babel	7.99
Killing Game Show	15.99	Turbo Cup Challenge	4.99
Last Duel	6.99	Tusker	9.99
Last Ninja II	9.99	Windwalker	9.99

**FREE**

**50p Voucher**

with each order, redeemable against further purchases!

**IT PAYS TO SHOP  
 POST HASTE!**

We Stock a huge range of Amiga Software, both in games and serious, too large to list here! If you want a particular title and it is not listed, please refer to our ready reckoner for the price or just phone us! **WE CAN SUPPLY IT!**

**LATEST RELEASES**

**READY RECKONER**

RRP	Our Price
£34.99	£23.99
£29.99	£19.99
£24.95	£16.99
£19.99	£13.99

## SUPER VALUE AMIGA HARDWARE SPECIALS

**EXTRA SPECIAL OFFER - 512k Ram Expansion only £29.95p**

A500 Flight of Fantasy	359	A1500.....	1049
A500 Screen Gems	359	A3000 16Mhz/40Mb.....	1999
A500 Class of 90s (1Mbyte)	524	A3000 25Mhz/40Mb.....	2399
A500 Class of 90s 1st Steps	524	A3000 25Mhz/100Mb.....	2599
A590 20Mb Hard Disk	279	Sega Megadrive (Jap Import).....	129
A590 With 2 Mbyte RAM	379	Atari Lynx.....	159
Trumpear 50Mb Hard Disk	459	Gameboy.....	68
Byte 'n' Back Hard Disk Backup	19	Atari 520 ST Discovery Pack.....	265
1084S/8833 Stereo Monitor	229	Atari 520 ST Turbo Pack.....	355
Star LC200 Colour/Mono Printer	209	Atari 1040 STE Pack.....	459
Panasonic KX-4420 Laser Printer	999	<b>You Name It... We Do It...          Just Phone &amp; We'll Quote!          We Are Fast &amp; Cheaper!</b>	
Xerox 4020 Colour Inkjet Printer	699		
External 3.5" Floppy Drive	59		
Podscat Graphics Tablet	189		
Naksha Mouse	29		

**All computers are fully tested before despatch!!**

Min. Order £5. Overseas Software Postage £2.00 Extra.

All Cheques & Postal Orders made payable to:

Post Haste, 12 St. Lawrence Road, Canterbury, Kent, CT1 3EY

**Telephone Hotline (0227) 764204**

(10am-10pm) Visa/Access welcome

ACCESS/VISA and P/O orders despatched same day!  
 Cheque orders despatched immediately after clearance!



# FIRST CHOICE

LEEDS (0532) 637988  
COMPUTERS

**WEST YORKSHIRES PREMIERE  
AMIGA AND ATARI COMPUTER STORE**  
AUTHORISED DEALERS FOR STAR CITIZEN COMMODORE ACORN AND AMSTRAD

ALL PRICES INCLUDE VAT AND DELIVERY  
ALL OUR PRODUCTS ARE GENUINE UK SPECIFICATION.  
UNIT 8, ARMLEY PARK COURT, OFF CECIL ST,  
ARMLEY, LEEDS LS12 2AE

## COMPUTERS

**AMIGA A500 PACK**  
Inc Workbench 1.3, Amiga Basic, Mouse, TV Modulator, Leads, Extras Disk, PSU, Manuals and Tutorial  
**ONLY £349.00**  
**FLIGHT OF FANTASY PACK**  
**£369.00**  
**ONLY WHILE STOCKS LAST**

## SCREEN GEMS PACK

A500 PACK AS STD PLUS  
Back To The Future II, Days of Thunder, Knightbreed, Shadow Of The Beast II & And Deluxe Paint II  
**£369.00**

WITH ANY AMIGA PACK YOU HAVE THE OPTION TO BUY THE AMAZING

**ASTRA PACK**  
10 incredible games, Inc E-Motion, Kid Gloves, Powerplay, RVF Honda, Tower of Babel, Shufflepuck Cafe and many more  
**ONLY £24.99 !**

## CHRISTMAS PACK

TAKE THE HEADACHE OUT OF BUYING A COMPUTER THIS CHRISTMAS

No need to shop around, we'll make sure you get everything you need in one superb value pack.

Comprises any Amiga Games Pack PLUS a top quality Cruiser joystick, mouse mat, 10 disks, Amiga fitted cover AND 3 EXTRA GAMES  
**£399.00**

## CLASS OF THE 90'S BUSINESS PACK

NOW WITH 1 MEG OF RAM AS STANDARD!!

A500 Pack plus Kindwords 2.0, Pagesetter, Artists Choice, Head Line Fonts Pack, Amiga Logo, Superbase Personal, BBC Emulator, Deluxe Paint II, Maxiplan Spread Sheet, or Dr T's Midi Recording Studio, Midi Interface, Mousemat, 10 disks and Diskette Storage Wallet.  
**£539.99**

NEW IN STOCK "First Steps Pack" similar to Class of the 90's Pack but aimed at a younger age group

## AMIGA 1500

THIS MUST BE ONE OF THE BEST VALUE AMIGA PACKAGES YOU CAN BUY

**SPECIFICATION:**  
• Commodore 1084 S Stereo monitor  
• Dual drives as standard  
• Separate quality keyboard  
• Platinum Works integrated business package inc wordprocessor, database and spreadsheet.  
• Deluxe Paint II graphics package  
• Battle Chess 3D chess simulation  
• Their Finest Hour flight simulator  
• Sim City + Terrain Editor  
• Populous + Promised Lands  
**ONLY £1089.00**

## PRINTERS

ALL OUR PRINTERS INCLUDE A STD CENTRONICS CABLE FREE!

### STAR LC10 MONO

The excellent LC10 is packed with features normally found on much more expensive printers  
★ 9 pin print head  
★ 144 CPS draft  
★ 36 CPS NLO  
★ 4k buffer  
★ multiple built in fonts.  
**£159.00**

### STAR LC200 COLOUR

9 pin print head, 180 cps draft, 225 cps high speed draft, 16K buffer, 8 resident fonts, 11.7" carriage that can take landscape format, optional serial interface, comes with a mono and colour ribbon  
**ONLY £209.99**

### STAR LC24-200

24 pin head, 200 cps draft Elite, 222 cps high speed draft, 67 cps LQ, 7K buffer expandable to 39K, 10 resident fonts, 11.7" carriage (landscape) serial interface option.  
**ONLY £249.99**

### STAR LC24-200 COLOUR

The 7 colour version of the new 80 col 24 pin LC24-200  
**ONLY £299.99**

### CITIZEN SWIFT 24

Superb quality 24 pin machine  
• 24 Pin print head  
• 192 CPS draft + 64 CPS NLO  
• 8K buffer expandable to 32k  
• Optional colour capability  
• 360 DPI  
• Add £34.99 for colour option  
• 2 year warranty  
**£289.99**

### EPSON EPL-7100 LASER

• A4 page laser printer  
• Multiple built in fonts  
• 512k memory  
• Expandable to 6Mb  
• 300 +300 DPI graphics  
• 6 pages per minute  
• Small footprint  
**£919.99**

## HARD DRIVES

### AMIGA A590 20 MEG

The Commodore A590 has a built in unpopulated Ram board so you can easily upgrade your Amiga memory by up to 2 megs without invalidating your warranty (auto boots from kickstart 1.3 only)

**NEW PRICE!! £289.99**

Add £37.00 for 1 meg of expansion

**AMIGA A590 POPULATED**  
complete with 2 Meg of Ram

**NEW PRICE!! £359.99**

DRAM chips (256K\*4) Toshiba, Intel, Etc.

Quantity = 4 .....£5.00 each  
Quantity = 8 .....£4.75 each  
Quantity = 16+ .....£4.50 each

## 3.5" BULK DISKS

SONY /VERBATIM  
100% error free, 135 TPI  
Lifetime Guarantee

QTY	£
10	5.99
25	12.99
50	22.99
100	39.99
200	74.99
300	109.99
400	135.99
500	159.99
1000	309.99
Disk Labels 500	7.99
Disk Labels 1000	13.99

## DISCOUNT SOFTWARE

\* LATIC C VERSION 5.....£115.00  
\* FANTAVISION Create your own movies with great animation **£19.99**  
\* COMIC SETTER The great DTP package for comic strips.....**£19.99**  
Digiview Gold Version 4.....£124.99  
Vista Landscape Graphics S/w.....£49.99  
Aegis Sonix Midi Music Package.....£29.99  
Aegis Graphics/Cad Starter Pack.....£29.99  
Aegis Video Titrer.....£89.99  
AudioMaster 2.....£39.99  
Superplan Spreadsheet.....£39.99  
Superbase Personal 2.....£39.99  
SBA cash accounts s/w.....£69.99  
The Works Platinum Edition.....£64.99  
Scribble W/P Platinum Edition.....£43.99  
Penpal Integrated Package.....£99.00  
Publishers Choice.....£74.99

## PACE MODEMS

### LINNET

The standard Linnet modem has been designed to offer the maximum features at the lowest cost V21 (300/300 Baud), V23 (1200-755/1200 Baud)  
**£149.99**

### LINNET 1200

This modem comes with a higher transmission speed suitable for more demanding applications V21, v23 and V22 (1200/1200 Baud)  
**£229.99**

### LINNET 2400

Top of the range Quad Modem with even higher transmission speeds and optional error correction V21, V23, V22 and V22BIS (2400/2400 Baud)  
**£359.99**

## PERIPHERALS

### CUMANA CAX 354 3.5"

1 MEG DRIVE ONLY **£69.99**

Midi Interface .....£22.99  
Naksha Mouse .....£29.99  
Mirigen Genlock .....£99.00  
Rendale 8802 Genlock .....£189.00  
Rombo RGB Splitter .....£67.99  
Rombo Vidi Amiga .....£99.99  
Rombo Vidi Chrome .....£18.99  
Amiga Modulator .....£19.99  
Amiga Control Station .....£43.99

FANTAVISION OR COMIC SETTER  
ONLY £15.00 WHEN YOU BUY ANY  
RAM EXPANSION

## MONITORS (INC LEADS)

### COMMODORE 1084 SD

Stereo Sound  
640 \* 256 resolution  
anti glare screen  
**£259.00**

### NEW PHILIPS CM8833 MK II

Stereo Sound  
600 \* 286 resolution  
green screen facility  
**FREE**  
1 yr on site warranty  
**£239.99**

## MAIL ORDER

ORDER BY TELEPHONE QUOTING YOUR CREDIT CARD NUMBER. IF PAYING BY CHEQUE PLEASE MAKE PAYABLE TO  
• FIRST CHOICE •

**TEL: 0532 637988**  
**FAX: 0532 637689**

## REMEMBER WE OFFER

- FAST Mail order service
- FREE postage UK mainland
- FREE 2-3 day delivery (next day delivery only £3)

ALL GOODS TESTED BEFORE DESPATCH  
CALL INTO OUR SHOWROOM  
• SPACIOUS FREE PARKING  
• FULL REPAIR SERVICE - FREE ESTIMATES

\*\*\* IT COSTS LESS AT FIRST CHOICE! \*\*\*

## RAM EXPANSION

### 2 MEG EXTRA RAM BOARD

Take your Amiga A500 up to 2.3 Megs total with this easy to fit board. Uses existing expansion slot. This board can be supplied partly or fully populated.

Unpopulated **£34.99**

512K Populated **£52.99**

1 Meg Populated **£89.99**

1.5 Meg Populated **£105.99**

Fully (2 Megs) **£119.99**

\* Additional "Gary" board supplied with 1 Meg configurations or above \*

### 1 MEG UPGRADE

Top quality memory expansions inc. Battery backed Real Time Clock and convenient on/off switch 12 month guarantee  
**£37.99**

## ACCESSORIES

Amiga Scart Leads .....£9.99  
Amiga RGB Leads .....£9.99  
Midi cables 2M .....£3.99  
Midi cables 3M .....£4.99  
Midi cables 5M .....£5.99  
Printer cables 1.5 metre .....£5.99  
Printer cables 2.0 metre .....£8.99  
A500 cover .....£4.99  
LC10 cover .....£4.99  
LC24/10 cover .....£6.99  
Swift 24 cover .....£6.99  
12" monitor cover .....£5.99  
14" monitor cover .....£6.99  
14" tilt and swivel monitor stand .....£13.99  
Universal printer stand .....£9.99  
Mouse mats 8MM high quality anti static .....£4.99  
100 capacity lockable 3.5" disk box .....£7.99  
50 capacity as above .....£5.99

• OPEN MON-SAT 9.00AM-5.30PM  
• SUNDAY OPENING 10.00AM - 3.00PM  
• THURSDAY NIGHT LATE TIL 8.00PM





I have only praise for the PD libraries that offer affordable prices, especially those efficient enough to cost a third of what Mr Bishop is asking. He certainly wouldn't get any of my money.

**Simon Knipe  
Alsager, Staffs**

Frankly I'm bored with all this whining from both consumers and distributors, about PD software prices and these are my final words on the subject.

1) If you run a PD house and are making a profit you shouldn't be - stop it.

2) If you're a PD buyer who thinks they're being overcharged then don't buy it.

Simple, huh?

## Cry Baby

I purchased *Wicked* for my friendly Amiga and I've played it lots of times. One day I shoved the jolly old thing in the disk drive and nothing happened, no nasty old face grinning at me and no sound effects. Before I started to cry I checked the disk, and boohoo the thing said it was empty. How come? Can you throw some

light on it please. If you print this I promise not to cry.

**Rhonda Bend  
Walthamstow, London**

*It sounds like your disk has been corrupted, formatted or in some other way affected so that the game won't load. You'll need a replacement from the retailer you bought it from, the software house or by buying another one. And is that really your name? You're either a very funny person or have very cruel parents.*

## Virus Victim

Five days ago, I duly purchased the *Flight of Fantasy* pack from a large department store and treated myself to a few additional games from my local software shop. At first, everything was hunky-dory - the games were terrific and I was finding my way around the Workbench quite nicely. But, the next day, sinister things started to happen. One game refused to load, and then another. Then I was assailed by checksum and validation errors and the disk drive seemed to take on a life of its own.

Suspecting a hardware problem (Memory burn-in perchance?) I returned my Amiga to the store and explained the problem. The first thing the assistant did was to check some of my software with the in-store virus detector. This revealed it was infected with the Lamar and Lazarus viruses and the assistant then explained that he was under no obligation to do anything about it! I was totally flabbergasted, as the only software I had ever used was the *F of F* pack and a few other original full-price titles from a reputable dealer. Sadly, now most of my disks are in the same unusable state so I cannot tell which disk was the culprit and which dealer was to blame.

No doubt experienced Amiga users will be chuckling at my naivete, but I thought that viruses would only be present in some PD software or pirated copies. I have now learnt the hard way that:

- 1) Sticking to full-price, original games (in sealed cellophane packages even!) will not save you.
- 2) Disks which are write protected can still get infected.
- 3) Switching off for 10 seconds between disks isn't long enough.

As a newcomer to the Amiga scene, I certainly wasn't expecting such a nasty "welcome" to 16-bit computing. So tell me, have I just been unlucky, or are problems such as these commonplace with the Amiga?

**Grant Punched  
Aldershot, Hant**

- 1) Good advice - do not trust any disks, whatever the source.
- 2) Wrong - the write protect is an excellent safety mechanism.
- 3) Correct - about 30 seconds to be on the safe side.

Unfortunately these problems are commonplace with the Amiga, which is why we try to give advice on viruses in every issue of AF.

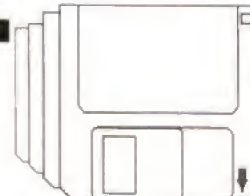
## A Bit Premature

Why do mail-order companies advertise software titles months before the release date? A prime example of this is Softsellers. In Issue 16 of your magazine, they advertised UMS 2. At the time of writing, 12th November, the game still hadn't been released! If



# DISKS

## UNBEATABLE PRICES



### BULK DISKS WITH 2 FOR 1 LIFETIME WARRANTY

#### 3.5" DISKS & BOXES WITH LABELS

20 x 3.5" MF2DD 135 TPI disks with free storage box.....	£12.95
25 x 3.5" MF2DD 135 TPI disks in 40 cap. lockable box .....	£15.95
40 x 3.5" MF2DD 135 TPI disks in 80 cap. lockable box .....	£24.95
75 x 3.5" MF2DD 135 TPI disks in 80 cap. lockable box .....	£39.95

#### BULK DISKS WITH LABELS

50 x 3.5" MF2DD 135 TPI disks.....	£24.95
100 x 3.5" MF2DD 135 TPI disks.....	£46.95
250 x 3.5" MF2DD 135 TPI disks.....	£96.50
500 x 3.5" MF2DD 135 TPI disks.....	£175.00

#### BRANDED PRODUCT

Mitsubishi 10 x 3.5" MF2DD 135 TPI disks .....	£9.95
Mitsubishi 30 x 3.5" MF2DD 135 TPI disks with 40 cap. box.....	£28.95
Mitsubishi 10 x 3.5" D/S HD disks .....	£16.50
Mitsubishi 30 x 3.5" D/S HD disks with 40 cap. box.....	£47.95
Goldmaster 10 x 3.5" MF2DD 135 TPI disks.....	£7.95
Goldmaster 30 x 3.5" MF2DD 135 TPI disks with 40 cap. box .....	£22.95
Goldmaster 10 x 3.5" D/S HD disks.....	£12.95
Goldmaster 30 x 3.5" D/S HD disks with 40 cap. box .....	£38.50

#### 5.25" DISKS IN POLY BAG WITH SLEEVES AND LABELS

25 x 5.25" D/S DD 48 TPI disks.....	£8.95
25 x 5.25" D/S DD 96 TPI disks.....	£10.95

#### HIGH DENSITY DISKS

10 x 3.5" D/S HD disks with free storage box .....	£12.95
20 x 3.5" D/S HD disks with free storage box .....	£22.95
30 x 3.5" D/S HD disks in 40 cap. lockable box .....	£34.95
50 x 3.5" D/S HD disks in 80 cap. lockable box .....	£55.95
25 x 5.25" D/S HD 1.6 meg disks in 50 cap. lockable box.....	£18.95
50 x 5.25" D/S HD 1.6 meg disks in 50 cap. lockable box.....	£28.95

#### ACCESSORIES

Deluxe Mouse Mat.....	£2.95
3.5" Disk Head Cleaner.....	£2.50
50 x 3.5" Disk Labels .....	£1.50
Mouse Holder .....	£1.99
3.5" stackable 80 cap. disk box .....	£9.95

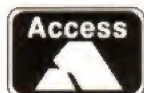
Remember all disks are certified 100% error free and are supplied with full user sets, plus our amazing 2 for 1 Lifetime Warranty

Send or phone your order to:

### Mansfield Computers

33 Albert Street, Mansfield, Notts NG18 1EA  
Tel: 0623 631202/23043 Fax: 0623 422968

All prices include VAT & delivery in UK.





# VOLTMACE



## DELTA 3A ANALOGUE JOYSTICK FOR MICROPROSE F19 & SUBLOGIC FLIGHT SIM II

Fly your planes the smooth and realistic way with an analogue joystick. The Delta 3A is a light action, hand held, sprung return to centre joystick of a proven reliable design used for many years by BBC and PC users.

It has two fire button functions. The top two fire the missiles and the centre lower button fires the cannons. On FSII version 1.1 the throttle, can be controlled by using the centre button and the stick.

Delta 3A joystick .....	£14.95
Deltabase A, yoke style joystick .....	£29.95
Ami-cat mouse eliminator joystick .....	£29.95
F19 Stealth Fighter .....	£29.95
Flight Sim II .....	£27.95
Scenery Discs .....	£14.95
Amiga disc drives cased with through port and disable switch .....	£59.95

Delta 3A joysticks should be available from your Amiga Dealer. If not they are available direct from us (price includes VAT & P&P)

**VOLTMACE, UNIT 9 BONDOR BUSINESS CENTRE,  
LONDON ROAD, BALDOCK, HERTS SG7 6HP.  
TEL 0462 894410**



Tel (0926) 337648, 425985. Fax (either line)

WARWICKSHIRE

68 Clarendon Street, Royal Leamington Spa,

**SALES - LEASE - SPARES**  
A590 RAM & Kickstart 1.3 chips in stock

**MAIL ORDER AVAILABLE**

AMSTRAD, IBM, PHILIPS, ATARI, STAR,  
PANASONIC, CITIZEN, and many more.

Main dealers for: COMODORE,  
Authorised **ROLAND CM** Midi centre  
**Business Centre**

Authorised **COMODORE** Repair &

**Massive Stock of  
Peripherals & Software  
at Amazing Prices!!!!!!**



The leading AMIGA  
Specialist in Warwickshire

**Spa Computer  
Centre**

## WE MUST BE MAD

Due to massive bulk buying and low cost advertising we can offer you high quality European manufactured disks at these extremely low prices.

**3 1/2" DSDD DISKS 31p** inc. VAT + labels

250 +@ 29p ea; 500+@ 28p ea; 1000+@ 27p ea  
ALL DISKS CERTIFIED 100% ERROR FREE

**SONY 3 1/2" DSDD BULK 38p**

3 1/2" DSHD.....65p
5 1/4" DSDD.....19p
5 1/4" DSHD.....36p

100 Capacity disk box .....£3.75	50 Capacity Disk Box .....£3.25
Mouse Pockets.....£1.50	Mouse Mat.....£1.75
Printer Stand.....£3.75	Amiga D/Cover.....£2.50
Posso Box.....£15.00	Atari D/Cover.....£2.50
Amiga 512K Ram Expansion with Cloek.....£32.00	
Amiga/Atari External Drive.....£54.95	

**THIS MONTHS SPECIAL OFFER**  
200 3 1/2" DSDD DISKS + 2 x 100 CAP BOXES **64.95**

PLEASE ADD £2.85 P&P/NEXT DAY £6.50. CHEQUES/P.O.'s To:  
P.L.C Computer Supplies, 11 Meakin Avenue,  
Clayton, Newcastle, Staffs ST5 4EY  
**TELESALES HOTLINE: 0782 - 212970**



## PD DIRECT

P.D. IS OUR GAME, QUALITY IS THE AIM

### DEMOS

MDD 71 Red Sector	MDD 115 Magnetic Fields Demo Disk 40
MDD 72 Red Sector #4	MDD 116 Magnetic Fields Demo Disk 41
MDD 75 Scoopex Demos	MDD 107 Budbrain (2 disks)
MDD 76 Scoopex Megademo	MDD 17 SAE Demos 12
MDD 77 Scoopex Mental Hangover	MDD 18 SAE Demos 19
MDD 79 Storm UK Demos 2	MDD 19 SAE Demos 21
MDD 93 TWI Demo & Virus Killer Disk	MDD 20 SAE Demos 25
MDD 94 Vortex Megademo	MDD 21 SAE Demos 32
MDD 99 Semtex Megademo	MDD 16 Robocop Demo
MDD 113 Kangaroo/Ugly Mug Demo	MDD 51 Hockrick Advert #1 "Arsewipe"
MDD 55 Kefrens Megademo V. III (2 disks)	MDD 52 Hockrick Advert #2 "Smashing Day Out"
MDD 114 Kefrens Forever	MDD 70 Rebels Megademo

### MUSIC

MDM 2 Jungle Command "Music Invasion 1"	MDM 72 Popeye Meets Beachboys
MDM 3 Jungle Command "Music Invasion 2"	MDM 84 Hanky Panky - Madonna
MDM 4 Jungle Command "Music Invasion 3"	MDM 85 Miami Vice - Crockett's Theme
MDM 19 Bad M. Jackson	MDM 82 Freddy Kruger
MDM 27 DMob Megamusic III	MDM 92 Depeche Mode
MDM 33 Halloween "Follow the Sign" (2 disks)	MDM 88 Slam Music
MDM 35 I think we're alone now - Tiffany	MDM 78 Crackmaster Mix
MDM 36 Land of Confusion - Genesis	MDM 87 RIP Eruption
MDM 71 Noise Player V2.4	MDM 91 100 Best (4-4) Tunes Digital Concert Pack 2,3,4, 5,6 (5 disks)

### ANIMATION/GAMES

Arnold Schwarzenegger Pack (8 disks voice only)	MDA 61 Sabrina (10+)
MDA 14 Puggs in Space	MDA 68 Walker Demo 1 (1 meg)
MDA 8 Paradise Slideshow Fantasy Art	MDA 69 Walker Demo 1 (2 meg, 2 disks)
MDA 10 Knight Animation	MDA 70 Walker Demo 2 (1 meg)
MDA 12 Agatron Star Trek Anims. 2	MDA 80 Walker Demo 2 (2 meg, 2 disks)
MDA 13 Agatron Star Trek Anims.17	MDA 97 Mike Tyson Knockout
MDA 87 Agatron Star Trek Anims.12	MDG 1 Star Trek - Final Frontier (2 disks)
MDA 88 Agatron Star Trek Anims. 22	MDG 2 Star Trek (3 disks, 2 drives)
MDA 18 Miller Lite Advert	MDG 5 Card & Board Games
MDA 47 Holston Pils Advert	MDG 18 Marble Slide
MDA 56 Newtek Demoreel 1 (2 disks 1 meg)	MDG 21 Being the Game (2 disks)
MDA 57 Newtek Demoreel 3 (2 disks 1 meg)	MDG 26 Treasure Search
	MDG 31 Maria

### UTILITIES

MDU 10 Wordprocessing and databasing	MDU 71 W/B Hacks & Jokes
MDU 34 Fish #164 Disk Salv. C Functions	MDU 72 Sid Y1.06 The Ultimate Disk Utility
MDU 38 Fish #185 Official CBM IFF disk	MDU 82 SCak. Wordwright
MDU 46 Fish #213 Icons 300 Icons in 8 colours	MDU 101 Menu Maker
MDU 68 Home Business Pack (8 disks)	MDU 102 Label Designer
	MDU 103 Icon Maker
	MDU 105 Crossword Creator
	MDU 168 Vaccine Booster. Various Virus Killers

We also stock: Fish, Amicus, AMOS  
All PD Disks are for Amiga only

1-9 disks	£1.20 each
10+	£1.00 per disk

10 PD disks in library case £9.95  
Catalogue on disk 70p

Send SAE for an up-to-date catalogue. Same day despatch.

Send orders to:

Telephone  
**0782 208228**

**UNIT 3,  
RAILWAY ENT. CENTRE,  
SHELTON NEW ROAD,  
SHELTON,  
STAFFS. ST4 7SH**





I had sent for it then, I would probably have to wait nearly a year before receiving it! I realise that this could also be the fault of the producing company as well, but there wasn't even any information on the advertisement stating that the game hadn't been released yet.

I realise that software companies want to do the best for their product but why can't they stick to just advertising for the game itself stating that it hasn't been released and not let mail-order companies advertise it until no more than one month before its scheduled release?

**Adrian Roberts  
Liskeard, Cornwall**

*The problem is twofold, firstly that software houses advertise games before they are finished and secondly that mail-order companies will tend to believe the release dates given them by the software houses. Both problems are understandable because programming delays do happen and mail-order companies naturally want to provide a prompt service for new releases. The best way to avoid disappointment is to call*

*either the software house or mail-order company to confirm availability before ordering.*

## The Real Issue

In your review on word processors you stressed the importance of speed, spellcheckers, and a graphics import etc, but missed the point that word processors are there to create documents for people to read and are not there simply for the writer. In a nutshell, it is the quality of output that is the end product and therefore this must have the paramount importance. After all, what is the point in spending a hundred pounds to have a spellchecker when the final print quality is no better than Notepad?

I assume you will suggest that if you want quality output you should either let the printer do it by setting the printer to Near Letter Quality, as the printer can do that best, in its own way without interference from a program or buy a DTP program. This cop-out seems to be the norm. But if you run the demo of Pagesetter II

you will see fonts printed out which are every bit as good as NLQ print handled by a printer.

However, we are not all endowed with "loadsamoney" to buy a DTP program as well as a word processor, not to mention it adds an extra level of complexity that isn't necessary. Surely a word processor can use Compugraphic or outline fonts which are used to give the quality? If not why not? Please do not quote speed of update on screen, this can easily be coped with by using a normal bit-mapped font to approximate WYSIWYG on screen before final printing.

At the end of the day I would ask you to either print an update saying which word processors have Compugraphic or outline font capability, or at least put this as one of the topics in future surveys and articles.

**Carl Beech  
Stoke-on-Trent**

*Thankyou Carl for your suggestion which has been noted and we will try to put that information to use on any future reviews and surveys we have on the pages of Amiga Format.*

## Snowball Effect

I write this letter knowing that you will not print it, after all, it is another complaint about AMOS, and Mandarin Software are a part of your magazine's income.

Whilst I agree to a point, with Dave Evans from Birmingham - AF Issue 17 - I fear that he was being rather too polite and possibly withheld his true feelings. I however say what I mean.

It is true that Mandarin's adverts have been, and still are, intended to dupe the public at large? Nowhere, in any advert I have seen, does it mention that you need, and I quote from Amos The Creator User-guide, "A thorough grounding of the general principles of basic programming". It goes on to say "... you may find it helpful to purchase an introductory text, such as Alcocks illustrating basic". It is also true that the adverts do not reveal that Amos works much better with 1 Meg of memory.

The adverts don't mention the user-club. The user-guide, however, does. Simply by filling in a registration card you become a

### DOCTOR AMI

Doctor Ami is a memory and hard drive diagnostic program that performs sophisticated, low level tests on your Amiga system using a full intuition interface and simple controls and displays. The memory diagnostic program scans the system for all memory, including on board memory, expansion memory and accelerator memory. Regions can then be selected to test with Read/Write options, and an error list of bad memory locations is displayed. The program also generates an error file that can be used with the startup-sequence to map out the bad locations. The hard drive diagnostic program scans each sector, or a specified region of your hard drive and displays the full error code (i.e. Bad Header, Read Error) of errors found. The program allows the user to map out the bad sector and to patch any file using the bad sector. Sectors with errors are removed from the block availability map, so that they will not be accessed.

**ONLY £36.95**

### AMIGA/ABACUS BOOKS

- Amiga for Beginners **£11.95**
- ▶ Amiga Tricks and Tips **£13.95**
- ▶ Basic Inside & Out **£17.50**
- ▶ C for Beginners **£16.45**
- ▶ C for Advanced Programmers **£27.50**
- ▶ Desk Top Video Guide **£15.95**
- ▶ Disk Drives Inside & Out **£23.95**
- ▶ DOS Inside & Out **£16.45**
- ▶ Hardware Reference Guide **£21.95**
- ▶ Machine Language **£12.50**
- ▶ Making Music on the Amiga (inc. disk) **£29.95**
- ▶ More Tricks and Tips **£14.95**
- ▶ Printers Inside & Out (inc. disk) **£29.95**
- ▶ Quick Reference Guide **£7.50**
- ▶ SET OF 3 ADDISON-WESLEY MANUALS **£73.00**
- ▶ The Leisure Suit Larry Story **£12.50**
- ▶ Indicates Optional Disk Available **£8.95**

# f / s / s / l

## COMPUTER SOFTWARE

### THE SECURITIES ANALYST

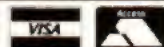
The Securities Analyst is a stock charting and analysis program for the Amiga series of computers. It is designed with the individual investor in mind. It permits the investor to chart any number of stocks over an extended period of time. Using The Securities Analyst, the investor can make scientific buy-sell decisions based on an analysis of market trends.

The forms of analysis available include:

- ▶ Moving Average
- ▶ Accumulation/Distribution
- ▶ Relative Strength
- ▶ Performance
- ▶ Point & Figure
- ▶ Trailing Stops
- ▶ Stock Chart
- ▶ Momentum
- ▶ Price/Earnings Analysis
- ▶ Performance Analysis

Graphs may be displayed on the screen or output to the printer. A Technical Analysis of Stock Market Trends is included in the package. This authoritative manual provides a comprehensive background in trend analysis for investors.

**ONLY £69.95**



Prices include VAT & U.K. delivery. Overseas orders send advertised price plus £2.50 for Airmail. Please send cheque, Postal Order or Credit Card details. VISA/ACCESS orders accepted by phone. Masons Ryde, Defford Road, Pershore, Worcs. WR10 1AZ. Tel: (0386) 553153. Technical Support Tel: (0386) 553222.

### MEDIA LINE FONTS DISK 1

Media Line Style Fonts Disk 1 contains 9 different bit-mapped fonts for the Amiga. They are designed for professional use in video presentation, graphics, animation and desktop publishing.

**ONLY £34.95**

### MEDIA LINE FONTS DISK 2

Media Line Fonts Disk 2 contains 9 more different bit-mapped fonts for use in video presentation, graphics, animation and desktop publishing.

**ONLY £34.95**

### MEDIA LINE CLIP ART DISK 1

A broad selection of high quality clip art for use in desktop publishing. Holiday, sports, computers and scenery are among the various themes included. Compatible with all publishing programs which support IFF graphic files. Also includes show utility.

**ONLY £14.95**

### MEDIA LINE ANIMATION BACKGROUNDS DISK

Animation backgrounds for use with popular animations programs. The Animator, Animate 3-D, Movie Setter, Video Scape 3-D and Deluxe Video are among the animation packages which can utilize these backgrounds. This two disk set contains thirty different, colourful background scenes.

**ONLY £24.95**



member of this club, or that is what is implied, in fact I completed my registration form and duly sent it off. I didn't hear a damned thing and when I did get in touch with them they informed me that I would have to pay a £10 joining fee.

See how the cost is mounting: Amos, memory upgrade, Text Book Club, where does it all end? Let me tell you. It doesn't. There are now more than fifty disks in PD that can be bought.

**D Simpson  
Gorleston-on-Sea**

...and yet the response of so many is still that AMOS is a great program. What do other users think?

## Graphic Graphics Please

Over the last few months I have noticed a very serious downturn in the standard of Amiga software graphics (notably in games software). They have become increasingly ST-like, some even

look like the old 8-bits and seem to have been rushed by an artist who doesn't have a clue about the Amiga's capabilities.

Your reviewers aren't helping the situation either. On many occasions I have seen a program which has been awarded an eight or nine out of ten, when it should have only got, at the most, six. I understand that the graphics mark includes points for animation too, but we all know that the Amiga can do infinitely better than the majority of crap that's been floating around recently.

Is the Amiga losing ground on the graphics scene? A quick glance through last month's AF will show a large percentage of companies showing screen shots from the PC-VGA versions of their software. The prospect of 256 colours on a high resolution screen really is much more appealing than 32 on a low resolution screen isn't it?

The Amiga can out-gun even the latest PC with SVGA+ (or whatever it is this week) on the sound and animation front, but is it the end of the line as far as standard in-game graphics are concerned? Or will this "new" high

Resolution HAM change all this. (What the heck is it anyway?)

The Amiga's graphics are even being threatened by the new Atari STE, with it's 4096 colour palette and 256 colours on-screen at any time. Even the 8-bit Amstrad CPC+ range now has 4096 colours. Isn't it about time Commodore launched a new graphics chip which would have the possibility of say 512 colours at any one time on a high resolution screen? Maybe they are in the process of producing such a product. I recently wrote to Commodore Technical Service and asked them a few questions including the possibility of a new graphics chip. They replied that "...we have no information at the present time concerning the new chip". So do you possibly know if we are about to see a brand new graphics chip?

Anyway, all that I ask is for software companies to exploit the Amiga's capabilities and to show that it can beat the PC-VGA and the ST. And it would be useful if your reviews could be a little more harsh when it comes to dishing out the gold stars too. Still on the subject of reviews,

could it be possible for you to specify if the software uses the full screen or only two thirds (ie PAL or NTSC)?

**Jason Anderson  
Swansea**

As you'll have noticed we no longer have the same rating system for graphics but prefer to assess them verbally. It's such a personal preference anyway - some people like vector graphics, isometric 3D, 2D, overhead views, functional minimalism and many others. I wouldn't worry about the Amiga falling behind, we will always have great graphics and you should just buy what appeals to you. As for a new graphics chip - no, just the enhanced chip set which may eventually get into all machines.

## Tread Carefully

In your article on 'History in the Making' in the December issue, it says war games should not really be made about recent conflicts, eg Panama. Well what happens when a new secret sub from

**Richard & Angela Howe: Applied Research Kernel**  
Corve Farmhouse, Corve Lane, Chale Green, Ventnor, PO38 2LA, U.K.  
Visitors are always welcome by appointment

POST UK £0 (1st Recorded), Special Delivery £2.99 (call before 12 noon), Securitor £6.90 (call before 12 noon). Registered Air Mail to Europe £5/item, World £12/item. Please call about carriage on heavy items. V.A.T. Prices include UK VAT at 15% except for books. Books are zero rated. CHEQUES London Sterling payable to A.R.K. please. High value ordinary cheques may require clearance. EXPORT & BFPO Remove UK VAT (=Price/1.15) except on books which are zero rated. AVAILABILITY Most items listed are in stock. Others can usually be obtained within 48 hours. DESPATCH Within 24 hours on stock items. 48 hours on non-stock but available items. PRICES May occasionally be subject to change.

<b>ACCOUNTS</b>	<b>CABLES P=Plug S=Socket</b>	Panasonic KXP1124	9.89
Arena Integrated Acc 1MB	Cross Over Box, D25S	Star LC24/10 Printer	9.89
Cashbook Combination	D23S-D15P NEC MSync 2A/3D/14.95	Star LC10 Printer	9.89
Cashbook Controller	D23S-D9P NEC MultiSyncOld	Custom Cover Medium Size	19.78
EasyLedges Integrated 1MB	D23S-OpenEnd Monitor		
Home Accounts	D23S-Scart Monitor CM8833	<b>DATABASE MANAGERS</b>	
Personal Tax Planner	D23S/2Ph-D9/2Ph (CM8833/2)	InfoFile	44.85
Personal Finance Manager	D25P-D25P 9Wire 2M Modern	Mailshot Plus	37.95
Service Industry Acc 1MB	D25P-C36P 2Metre Printer	Microfiche Filer	59.80
SBA Xtra 1MB	D25P-C36P 3Metre Printer	Prodata	54.97
System 3	D25P-C36P 5Metre Printer	Superbase Personal	34.96
	D25P-D25P 25Wire 2Metre	Superbase Professional	164.91
	D25P-D25P 25Wire 5Metre	Superbase Personal 2	59.80
	D25P/D25S-D25P/D25S 2M 25W 23.92		
<b>BOOKS</b>	DINSP-DINSP MIDI Cable	<b>DESKTOP PUBLISHING</b>	
1st Book of Amiga	Gender Changer; D25S	Clip Art PD	14.95
2nd Book of Amiga	Gender Changer; D25S	E Clips Structured Clips	69.92
68000 Asm Lan Programming	Null Modem Cable	Gold Disk Type: Decorative	32.89
68000 Assembly Language	Plug 23 Pin D With Hood	Gold Disk Type: Video	32.89
Amiga 3D Gfx Prog in Basic	Plug 25 Pin D With Hood	Gold Disk Type: Publisher	32.89
Amiga Adv Sys Prog Guide	RS232 Mini Tester	Gold Disk Type: Designer	32.89
Amiga Asm Lan Programming	RS232 Null Modem	Outline Fonts 1 5MB	99.82
Amiga Basic Inside & Out	RS232 Patch Box	PageSetter 2 1MB	49.91
Amiga C For Beginners	Socket 25 Pin D With Hood	PageStream 2 1.5MB	139.84
Amiga C Adv Programmers	Socket 23 Pin D With Hood	Professional Page 2 1.5MB	149.96
Amiga Desktop Video Guide	Switch Box C36S 4 Way	Structured Clip Art	36.80
Amiga Disk Drives In & Out	Switch Box D25S 2 Way		
Amiga For Beginners	Switch Box D25S 4 Way	<b>EDUCATION</b>	
Amiga Graphics In & Out		Distant Suns Astronomy	49.91
Amiga Machine Language		Mega Maths (GCSE A)	23.92
Amiga Programmers Hndbk V1 24.95		Micro English (GCSE O)	23.92
Amiga System Prgrms Guide		Micro French (GCSE O)	23.92
Amiga Tricks and Tips		Micro Maths (GCSE O)	23.92
AmigaDOS Reference Guide		My Paint	19.78
AmigaDOS Inside & Out		Primary Maths Course	23.92
Elementary Amiga Basic			
Hardware Reference Manual	<b>COMMUNICATIONS</b>		
Incs & Docs: ROM Kernel M1	A Talk 3		
Inside Amiga Graphics	K Comm 2		
Kickstart Guide to Amiga	Paragon BBS 1MB		
Kids and the Amiga			
Learning C Programming Gfx	<b>COMPUTER AIDED DESIGN</b>		
Lbs & Devs: ROM Kernel M1	BoardMaster PCB Design 1MB		
Mapping the Amiga	Design 3D 1MB		
More Tricks and Tips	Professional Draw 2 1MB		
Programmers Guide to Amiga	X CAD Designer 1MB		
Programming the 68000	X CAD Professional 2MB		
The Amiga Handbook	X CAD 3D Professional 3MB		
	<b>DUST COVERS</b>		
	Amiga 1084/1084S/8833 Mon		
	Amiga 500 Computer		
	Citizen 1200 Printer		
	Epson LX80/96 Printer		



**Access** **TEL 0983 79496** **VISA**

This is a switchable voice/fax line which is open 10am to 7pm, Monday to Saturday

<b>PACKAGES</b>	Sound Trap 3 Mono Sampler	29.90
Appeltzer (Gold Disk)	Tiger Cub Composer 1MB	59.80
Benchmark Mokuia 2		
Gold Disk Office 1MB		
Graphics Starter Kit		
Home Office Kit 1MB		
Publishers Choice 1MB		
Starter Kit		
The Works		
The Works Platinum 1MB		
<b>PROGRAMMING</b>		
AMOS Basic Interpreter		
Benchmark Mokuia 2		
Depvac 2 Assembler		
GFA Basic Compiler		
GFA Basic Interpreter		
HiSoft Basic Compiler		
HiSoft Extend		
Lattice C 5.1 Compiler		
Pascal Compiler (PD Disk)		
Resource Int. Disassembler		
<b>RIBBONS &amp; TONER</b>		
CBM MPS 1200 (6)		
CBM MPS 1500 (6)		
CBM MPS 1500 Colour (3)		
Citizen 120D (MPS1200) (6)		
Citizen Swift 24 (6)		
Epson LX80 (6)		
Epson RX/FX/MX 80 (6)		
HP LaserJet 2 Toner Cart		
Panasonic 1174 (6)		
Star LC10 (6)		
Star LC10 Colour (4)		
Star LC200 (5)		
Star LC24/10 (8)		
Star LC24/200 (3)		
<b>SOUND</b>		
AMAS Stereo Sampler		
DeLuxe Music Composer		
MasterSound Mono Sampler		
MIDI Master Interface		
MIDI Plug Interface		
Music X 1.1 Sequencer		
Music X Junior Sequencer		
Quantel Composer		
<b>SPREADSHEETS</b>		
Advantage 6500x65000 1MB		
DGCalc 512x52		
Superplan 2048x1024 1MB		
<b>UTILITIES</b>		
Amikil For Beginners		
ARexx Macro Interpreter		
Award Maker Plus		
B.A.D. Disk Optimiser		
BBC Emulator		
Byte & Back HD Backup		
CrossDOS File Transfer		
Directory Utility/Enhancer		
Doctor Am Disk Analysis		
Pascal Compiler (PD Disk)		
DOS 2 DOS File Transfer		
Enhancer 1.3		
GB Vehicle Route Planner		
Mavis Beacon Typing		
Virus Infection Protection		
Your Family Tree 2 1MB		
X Copy & Cyclone		
X Copy Professional		
<b>VIDEO</b>		
Digit Video Gold 4 1MB		
Hitachi Camera & 16mm Lens		
Minglen Genlock		
Vid Amiga PAL 1MB		
<b>WORDPROCESSORS</b>		
Excellence 2 1MB		
KidsTalk With Speech		
Kindwords 2 1MB		
Micro Text		
PenPal 1MB		
Protext 5 1MB		
Scribble Platinum		
TranWrite		
Wordperfect 1MB		



# Greater London Computers

## **AMIGA 500 SCREEN GEMS**

pack.

£379.95 inc VAT

including:

A500, PSU, Mouse, Workbench 1.3, Back to the Future II, Days of Thunder, Nightbreed, Shadow of the Beast II, Deluxe Paint II.

### **C64 Nightmoves/ Mindbenders pack**

**£149.95 inc VAT.**

### **C64 Games System**

**£89.95 inc VAT.**

## **The GLC difference**

Greater London Computers has a positive customer policy, we believe that it is the customer who is most important, because of this we offer a wide range of services to help you, the customer. Our technical support line is open 9-5 Monday to Saturday, just call 081-527-0405 and ask for Technical Support or Fax us your problem on 081-503-2341.

We stock a wide range of Printer Ribbons, Disks and other items. Note that all our ribbons and disks are branded originals.

No dodgy unbranded stuff from us.

Also all our computers, printers, disk drives etc are genuine UK models, no grey imports from us.

For business we offer 30 day credit accounts. If you are interested call Nigel Hodson on 081-527-0405.

## **Greater London Computers**

481 Hale End Road, Highams Park,  
Chingford, London. E4 9PT.

**Tel: 081-527-0405 Fax: 081-503-2341**



# A & K SOFTWARE

TEL: 0454 315823

A & K SOFTWARE, 119 HARESCOMBE, YATE, BRISTOL. BS17 4UE.

688 Attack Sub.....	£16.75	Hard Drivin' 2.....	£16.75	Rogue Trooper *.....	£17.50
Altered Beast.....	£13.75	Harpoon.....	£19.99	Rotator *.....	£13.75
AMOS (Games creator).....	£34.90	Hill Street Blues *.....	£16.99	S.T.U.N. Runner.....	£16.99
Apprentice.....	£16.75	Horror Zombies.....	£16.99	Second Front *.....	£20.75
Armour-Geddon.....	£16.75	Immortal (1 Meg).....	£16.99	Secret of Monkey Island *.....	£17.75
Awesome.....	£24.99	Imperium.....	£16.99	Shadow of the Beast.....	£13.75
Bad Lands.....	£16.99	Indianapolis 500.....	£16.99	Shadow of the Beast 2.....	£23.99
Battle Command *.....	£16.99	International Soccer Challenge.....	£16.99	Shockwave.....	£16.75
Battlstorm *.....	£16.99	It Came From The Desert (1 Meg).....	£13.75	Shoot 'Em-Up Construction Kit.....	£13.75
Betrayal.....	£19.99	Ivan Stewart's Super Off-Road Racer *.....	£16.99	Sim City.....	£16.75
Billy The Kid.....	£18.99	James Pond.....	£16.99	Simulcra.....	£16.99
Blade Warrior *.....	£16.75	Killing Game Show.....	£16.99	Snowstrike.....	£16.99
Blitzkrieg - May 1940.....	£16.75	Light Corridor.....	£16.75	Speedball 2.....	£16.75
Buck Rogers (SSI).....	£21.75	Loom.....	£19.99	Spellbound.....	£16.75
Cadaver.....	£16.75	Lotus Esprit Turbo Challenge.....	£17.99	Spy Who Loved Me *.....	£16.75
Captive.....	£16.75	M.U.D.S. (Mean Ugly Dirty Sport) *.....	£16.75	Street Hockey.....	£16.75
Carthage *.....	£16.99	Matrix Marauders.....	£16.75	Strider 2 *.....	£16.99
Champion of the Raj *.....	£17.99	Mean Streets *.....	£16.99	Supremacy.....	£20.99
Chaos Strikes Back (1 Meg).....	£16.75	Midwinter.....	£20.75	Teenage Mutant Hero Turtles.....	£16.99
Chase H.Q. 2 *.....	£16.99	Murder.....	£16.99	Toki *.....	£16.99
Corporation.....	£16.75	Murder in Space.....	£16.75	Torvak The Warrior *.....	£16.99
Crimewave *.....	£16.99	Mystical *.....	£16.75	Total Recall *.....	£16.75
Damocles.....	£16.75	N.A.R.C.....	£16.99	TV Sports Basketball.....	£13.75
Days of Thunder.....	£16.75	Navy S.E.A.L.S.....	£16.99	Ultima 5.....	£19.99
Death Trap *.....	£16.75	Nebulus 2.....	£16.99	Ultimate Ride.....	£16.75
Dragonflight.....	£19.75	Necronom.....	£16.99	UMS 2 - Universal Military Sim 2.....	£20.75
Dragons Breath.....	£13.75	New York Warriors.....	£16.75	UN Squadron *.....	£16.75
Dragonstrike *.....	£21.75	Nightbreed (Action) *.....	£16.99	Unreal.....	£20.99
Dungeon Master (1 Meg).....	£13.75	Nightbreed (The Interactive Movie) *.....	£17.50	Vaxine *.....	£16.75
E-Swat *.....	£16.75	Nightshift *.....	£17.50	Voodoo Nightmare.....	£16.75
Elvira - Mistress of Dark.....	£20.99	Nitro.....	£16.99	War Jeep *.....	£16.75
Epic *.....	£17.75	Operation Harrier *.....	£16.99	Welltns.....	£16.75
Extase *.....	£16.75	Pang *.....	£16.99	Wheels of Fire.....	£21.75
F19 Stealth Fighter.....	£20.99	Paradroid 90.....	£16.75	Wings of Fury *.....	£16.75
Final Battle (PSS).....	£16.75	Police Quest 1 (Sierra).....	£17.50	Wipe Out.....	£13.75
Fire and Forget 2 *.....	£17.50	Police Quest 2 (1 Meg).....	£24.99	Wolfpack (1 Meg).....	£20.75
Flight of the Intruder.....	£19.99	Powermonger.....	£19.75	Wonderland (1 Meg) (M/Scrolls).....	£20.75
Flimbo's Quest.....	£16.75	Puzznic *.....	£17.50	Wrath of the Demon *.....	£20.75
Flipit & Magnose.....	£16.99	Reach For The Skies *.....	£20.75	Xenon 2, Megablaster.....	£9.99
Fun School 3 (2-5), (5-7), (7+).....	Each £16.75	Rick Dangerous 2.....	£16.99	Xiphos.....	£16.75
Gold of the Aztecs.....	£16.99	Riders of Rohan *.....	£19.99	Yolanda.....	£16.75
Golden Axe.....	£16.99	Robocop 2.....	£16.75	Zombi.....	£16.99

Trading hours are 9am - 9pm, Monday to Saturday. FULL Price lists sent on request. All Prices are fully inclusive of VAT and Delivery and subject to change without notice. Cheques and Postal Orders payable to A&K SOFTWARE and sent with order to above address. All items despatched within 24 hours of payment clearance, Subject to availability. Please state machine when ordering. Items marked \* may not be released yet, we will despatch upon release.



## AMIGA REPAIRS JUST £44.95 inc.

VISA

- ★ Commodore authorised and registered repair centre
- ★ Over 10 years experience with Commodore computers
- ★ 20 qualified technician engineers at your disposal
- ★ We will undertake to repair your Amiga 500 computer for just £44.95 including parts, labour, VAT and post & packing
- ★ Most computers will be turned around in just 24 hours!
- ★ Prices include full service check, overhaul, soak-test and replacement of power supply unit if necessary
- ★ Repairs to keyboard and disk drive also included (£25 extra if these units are unrepairable and require complete replacements)
- ★ All repairs covered by a 90 day warranty



Upgrade your Amiga from 512K to 1Mb of memory for just £25.00  
**SPECIAL EXCLUSIVE OFFER:**  
If you submit your computer to ourselves for repair, enclosing this advert along with just an additional £25, we will supply and fit a 512K memory expansion at no extra cost.

How to take advantage of this exceptional offer: simply send or hand deliver your machine to the workshop address detailed right, enclosing payment and this advert and we will do the rest. (If possible please include a daytime telephone number and fault description).

\* If you require 24 hour courier to your door, please add £5 else your computer will be sent back by contract parcel post.

**WTS ELECTRONICS LTD**  
STUDIO MASTER HOUSE  
CHAUL END LANE  
LUTON, BEDS, LU4 8EZ  
Telephone (0582) 491949 - (4 lines)

WTS reserve the right to refuse machines that in our opinion are beyond reasonable repair





COMPUTERS - PERIPHERALS - ACCESSORIES

Open Monday to  
Saturday 9am - 6pm  
Callers and Mail Order welcome

**PHILIPS 8833 MK II  
STEREO MONITOR**  
Including Free Lead  
**ONLY £229.00**

**NAKSHA  
UPGRADE MOUSE  
MAT PLUS  
HOLDER**  
**ONLY £28.50**

**STAR LC-10  
MONO PRINTER**  
Including Free Lead  
**ONLY £155.00**

**STAR LC-200  
COLOUR PRINTER**  
Including Free Lead  
**ONLY £204.00**

**A500 XMAS PACK**

Amiga A500, Mouse, Modulator, Manuals, Basic, Workbench, Tutorial, Joystick, Disk Box, 10 Blank Disks, Dust Cover, Dpaint II, PLUS 14 GREAT GAMES  
Shadow of the Beast II, Back to the Future II, Nightbreed, Days of Thunder, Star Wars, Toobin, Barbarian II, Licence to Kill - James Bond Game, Running Man - With Schwarzenegger, APB, Xybots, Dragon Spirit, Hard Drivin, Voyager

**STILL ONLY £399.00 1 Meg version £439.00**

**SOFTWARE AND DISKS**

- SONY DD/DS Disks, Box of ten inc. labels.....£9.49
- PAGESETTER V2, DTP Package.....£47.00
- PEN PAL, Excellent Word Processor.....£69.00
- THE WORKS PLATINUM, Integrated package.....£77.00
- PROFESSIONAL PAGE 1.3, DTP Package.....£139.00
- AMOS + EXTRAS DISK.....£32.00
- SHADOW OF THE BEAST II (no shirt).....£15.00
- BACK TO THE FUTURE II.....£9.95
- NIGHTBREED.....£9.95
- DIGIVIEW GOLD V4.....£95.00
- SOUND EXPRESS, Stereo sampler + Software.....£32.00
- LATTICE C V5.1.....£145.00
- X-CAD DESIGNER (1 MEG).....£69.00
- WALT DISNEY ANIMATION STUDIO.....£69.00
- QUARTET Midi Package.....£32.00
- PRO-WRITE V3.1.....£85.00
- TV TEXT PROFESSIONAL.....£79.00
- SCULPT ANIMATE 4D.....£225.00
- PAGESTREAM V2, Excellent DTP package.....£109.00
- CROSS-DOS, Multi - format file transfer.....£23.00
- PANASONIC VIDEO CAMERA, Ideal for DigiView.....£149.00
- X-COPY PROFESSIONAL inc. Hardware.....£34.00
- FRAMEGRABBER (PAL) Realtime colour grabber.....£429.00
- TRACKBALL with ball and button lock.....£30.00

**HARDWARE**

- COMMODORE A590 20MB Hard Disk, Unpopulated.....£285.00
- COMMODORE A590 20mb Hard Disk + 2m RAM.....£339.00
- COMMODORE 1084S Colour Stereo Monitor.....£239.00
- ALF 40MB Hard Card (B2000/1500).....£439.00
- RENDALE 8802 Genlock, A500/B2000.....£185.00
- SUPRA 2400 External Modem.....£119.00
- SOPHUS S5 Professional Stereo Sampler.....£79.00
- KCS POWERBOARD, PC Emulation (A500).....£290.00
- TARGET MIDI INTERFACE, In/Through, 3xout.....£29.00

**PRINTERS**

- STAR LC-10 MONO PRINTER inc. Lead.....£155.00
- STAR LC-200 COLOUR PRINTER inc. Lead.....£204.00
- STAR LC-24/200 MONO PRINTER inc. Lead.....£249.00
- STAR LC-24/200 COLOUR PRINTER inc. Lead.....£297.00
- CITIZEN SWIFT 24 MONO inc. Lead.....£279.00
- CITIZEN SWIFT 24 COLOUR inc. Lead.....£309.00
- CITIZEN 124D 24 Pin Mono inc. Lead.....£239.00
- CITIZEN 120D Plus, 9 Pin Mono inc. Lead.....£139.00

**AMIGA A1500 UPGRADE**

Upgrade your A500 for a new A1500 for **ONLY £799.00** (plus your A500)  
PLEASE CALL FOR DETAILS

**DISK DRIVES**

- Q-Tec Disk Drive on/off, through port.....£74.95
- Ferrotec Disk Drive, on/off, through port.....£57.50

**AMIGA MEMORY**

- B2000 Microbotics 8M Ram Board + 2 Meg RAM.....£199.00
  - Extra 2Meg Ram for above board.....£75.00
  - A500 BaseBoard, Populated to 4 Meg.....£249.00
  - A500 TARGET 512K Ram, Without Clock.....£33.00
  - A500 TARGET 512K Ram, With Clock.....£36.00
- All A500 boards fit into the A501 slot. Include Battery Backed Clock.  
Fully compatible with Fat and Fatter Agnus.

**AMIGA A1500**

The NEW A1500 inc. Stereo Monitor, Twin Drive, Dpaint3, The Works Plat., +4 Games, **ONLY £1049.00**

**AMIGA PACKS**

- SCREEN GEMS PACK, inc. Shadow / Beast II, Back/Future II, Nightbreed, Days of Thunder, Dpaint II.....£359.00
  - STARTER PACK, inc. 5 Commercial games plus Autofire Joystick.....£359.00
  - 1 MEG SPECIAL, inc. Extra 512K RAM, Photon Paint II, Spritz Paint.....£399.00
  - CLASS OF THE 90'S FIRST STEPS, inc. Extra 512K, Pr-Write, Info File, Dpaint + Dprint II etc.....£525.00
  - CLASS OF THE 90'S, inc. Extra 512K, Publishers Choice, MaxiPlan, BBC Emulator, Midi Int. etc.....£525.00
- All Amiga A500's supplied with mouse, modulator, manuals, workbench, Basic + Tutorial

**HOW TO ORDER:**  
Either call our number below with your credit card details, or send a cheque/PO or credit card number and expiry date to our address. Make cheques payable to **THE 16 BIT CENTRE**  
Prices subject to change without notification.

**All prices include VAT + Courier Service**

**16 BIT CENTRE**  
Units 15-17,  
Lancashire Fittings Science Village  
Claro Road, Harrogate HG1 4AF

**EXTENDED WARRANTY  
AND MAINTENANCE  
CONTRACTS AVAILABLE  
ON ALL ITEMS. PLEASE  
CALL FOR FURTHER  
DETAILS**



**Tel (0423) 531822/526322**



## AMIGA REPAIRS & SPARES

### SPARES:

8367 Agnus.....	£34.00	6570-036.....	£16.00
8371 Fat Agnus.....	£49.00	Rom V1.2.....	£32.00
8372 Fatter Agnus.....	£62.00	Rom V1.3.....	£32.00
5719 Gary.....	£17.00	8520 CIA.....	£16.00
8364 Paula.....	£40.00	5721 Buster.....	£16.00
A 1000 Rom Odd.....	£25.00	68000 MPU.....	£24.00
A 1000 Rom Even.....	£25.00	41256 RAM.....	£4.00
MSM 6242 Clock.....	£12.00	LF347.....	£2.50
		8362 Denise.....	£29.00
		414256 RAM.....	£9.00

### Many other spares available

### ACCESSORIES:

Amiga 500 Screen Gems Pack.....	£370.00	A500 Internal Drive.....	£70.00
Cumana CAX354 3.5".....	£90.00	512K RAM Plus Clock.....	£45.00
External Drive 3.5".....	£70.00	A500 PSU.....	£50.00
		Amiga Mouse.....	£35.00

All prices include postage and packing  
Fixed Price Amiga Repairs £40.00 - (Does not cover keyboard or drive faults)  
3 months warranty, 1 week turnaround

**ACE Repairs, Dept AF, Outways Farm, Pelynt, Looe, Cornwall PL13 2NW**  
(0503) 20282



dataplex



Access



VISA

## DATAPLEX COMPUTERS LTD.

129 Bath Road, Slough, Berkshire, SL1 3UW  
19 High Street Swindon, Wiltshire

Tel: 0753 35557 Tel: 0793 488448

### SHOWROOM

open:  
Mon - Fri  
9.30 - 5.30  
Saturday  
9.30 - 4.30  
MAILORDER  
Consumables  
£1.50  
Hardware  
£8.00  
Prices  
excluding VAT

### AMIGA A500 HARDWARE

Amiga A500 Batman Pack + free box of disks .....£317  
Amiga A500 Flight of Fantasy + box of disks .....£317  
Amiga A500 Screen Gems Packs + free disks .....£317

### SPECIAL OFFERS

Amiga A500 1Mb Pack - Choose any Amiga A500 from above and we will give you 512K RAM + clock, mouse mat at only.....£349  
Amiga Class of 90's (1 Meg).....£459  
Amiga Class of 90's (1 Meg) First Steps .....£459

### ATARI COMPUTERS

Atari 520STFM discovery pack includes 4 games.....£240  
Atari 520 STE Turbo Pack includes basic STOS and 7 games.....£310  
Atari 1040 STE extra pack includes ST Words, ST Calc, ST Basic, ST Graphics, Hyper-Paint, STOS, 1st Basic, Print Game.....£399

### AMIGA/ATARI DRIVES

1 Meg 3.5" internal.....£49  
1 Meg 3.5" external.....£60  
1 Meg 5.25" external.....£90

### ACCESSORIES

512K Ram + clock.....£39  
Joystick.....£10  
10 Blank disks in library box.....£6  
Mouse Mat.....£3  
Naksha Mouse.....£32

### MONITORS

Philips CM8833 Mk II - Colour Monitor + leads only .....£199  
SM 1224 (Atari) .....£205  
SM 124 (Atari) .....£89

### PRINTERS

Star LC10 Mono .....£129  
Star LC200 Colour (9 pin).....£180  
Star LC24 200 (24 pin).....£219  
Star LC24 200 Colour.....£259  
Panasonic KXP1124+ lead.....£199  
Panasonic KXP1624.....£329  
Citizen 120D +.....£120  
Citizen 124D.....£189  
Citizen Swift 24 + Colour Upgrade.....£265  
Citizen Swift 9 + Colour Upgrade.....£185  
Epson LX400.....£126  
Epson LQ400 (24 pin).....£209  
Epson LQ 500.....£269

### RIBBONS

PLEASE CALL FOR PRICES

## MATRIX SOFTWARE CLUB TRY BEFORE YOU BUY

- ★ Hundreds of top titles for Atari ST, Amiga and Amstrad systems to review without obligation.
- ★ Generous member discounts on all purchases of brand new software
- ★ Special purchase sales - massive savings on members software deals.
- ★ Fast - same day service

### £1000 FREE DRAW

£1000 worth of prizes given away in the next 6 months. All you have to do is reply to this advertisement - no cost - no obligation. To find out more about the matrix, and your chance of winning one of the fabulous prizes on offer this month simply telephone **0836 403807\*** now or send a large stamped addressed envelope stating your machine to Matrix Leisure Services Dept AMF2, Unit 10, Mill Studio Business Centre, Crane Mead, Ware, Herts SG12 9PY no catch - no obligation.

\*Calls cost 33p/min cheap, 44p/min other times.

**MT SOFTWARE GREENSWARD HOUSE THE BROADWAY TOTLAND, I.O.W, PO39 OBX**



**0983 - 755800**  
**0983 - 756056**

9am - 6pm  
Mon - Sat  
24 hours  
Mon - Sat



**ALL PRICES INCLUDE POSTAGE, PACKING & VAT**

**TO LAUNCH OUR NEW DISK-LINE SERVICE WE SHALL, UNTIL FURTHER NOTICE, OFFER BLANK DISKS AND STORAGE BOXES AT AMAZING PRICES**

- Highest quality disks
- Lowest possible prices
- Double sided/double density
- Protective wallets
- Labels
- 100% error free

**10 BLANK DISKS ONLY £4.99**

10 disks.....	<del>£6.99</del> .....	<b>£4.99</b>
10 disks + 50 capacity lockable storage box.....	<del>£11.99</del> .....	<b>£9.99</b>
10 disks + 100 capacity lockable storage box.....	<del>£13.99</del> .....	<b>£11.99</b>
25 disks.....	<del>£14.99</del> .....	<b>£11.99</b>
25 disks + 50 capacity lockable storage box.....	<del>£19.99</del> .....	<b>£16.99</b>
25 disks + 100 capacity lockable storage box.....	<del>£21.99</del> .....	<b>£18.99</b>
50 disks.....	<del>£26.99</del> .....	<b>£22.99</b>
50 disks + 50 capacity lockable storage box.....	<del>£31.99</del> .....	<b>£27.99</b>
50 disks + 100 capacity lockable storage box.....	<del>£33.99</del> .....	<b>£29.99</b>
100 disks.....	<del>£49.99</del> .....	<b>£42.99</b>
100 disks + 100 capacity lockable storage box.....	<del>£54.99</del> .....	<b>£47.99</b>

### STAR PRINTER RIBBONS

LC-10 - Black - .....£2.99  
LC24 - Black - .....**£3.99**  
Limited Stocks

### COLOURED LABELS

50 disk labels.....£1.50  
100 disk labels.....£2.50  
1000 disk labels.....£13.50

### TRACTOR LABELS

100 disk labels.....£3.00  
200 disk labels.....£5.00  
1000 disk labels.....£15.00

### STORAGE BOXES

50 cap. lockable.....£6.49  
100 cap. lockable.....£7.99



Russia defects, ultimately engaging WWII? Then wouldn't 'The Hunt for Red October' be a bit too close for comfort. Or the many other futuristic simulations that 'could' have a similar theme to a war. Makes you think what would've happened if some poor sod made a game called "Blast the evil tyrant that's just invaded Kuwait so our oil prices can descend to a more harmonious level" - Phew. See what I mean?

**Mark Smith**  
Liverpool

Tricky indeed, but I think it depends more on how the subject is handled as to whether it should be done or not. A gung-ho, tacky approach will always offend whereas a serious one may well be acceptable.

## Always On My Mind

Err..., can I have my err..., a binder and sweatshirt (medium) for having a letter published in your indescribably good mag? (Issue 16) Please? They're in a pile (the mags) by the side of my

bed and I keep tripping over them when I get up to let the cat in because he's a bit antisocial and wants to come in at all hours of the morning. I know you're very, very, very busy but if you send them soon I'll suck your toes. Well, perhaps not, but I do think about you before I go to sleep.

**Dave Wilson**  
Albrighton, Wolves

Sorry Dave, we don't give a prize to all letters published - just the ones where I say you get a prize. So that means you didn't get one then, but because you're obviously such a nice man, I'm not going to give you one now either - serves you right for threatening my toes like that.

## Warts An All

### PRIZE Letter

Loved thee artichokes on wart processing. I haven't large so much in ages. (I get sum funny

lugs from peephole going parsed the car - I woes waiting form someone at the tyme).

This is fun - better than sum games! This could start a hole new trend - Works of Shakespeer by Scribble, "Too bee awe knot two bee" and sew on. Wear oh wear will it end?

**Sara Maidstone**  
Norwich

Yes it does, doesn't it?

## Thanks Mr. B'

When I saw a letter in Issue 17 of AF from MH Reed saying how he needed to computerise his Cancer Research Campaign book-keeping. The stuff you recommended costs about £50-£150. Well, Mr M. if you join New World P.D. and take a look at disks 73-78 there is a range of Database, spreadsheets, etc... and they will only set you back £1.50 a disk. Here's their address: New World PD, 51 Heritage Drive, Gillingham, Kent, MEY 3EQ. Good luck with the fund raising.

**Mr B (the helper)**

Thankyou Mr B.

## Taking the Pike

I just want to invite who ever wrote the article "Great Fish of Our Time" to a day out fishing with me. Just to teach him the differences between freshwater and salt-water fish and what the differences between cod - a salt-water fish - and the pike - which is a freshwater fish.

Please turn to page 82 in the December issue to see that the fish pictured there is of the pike not the cod.

**Andrew Dalli**  
London

Unfortunately the writer of that piece can't go fishing with you because we sent him on a trip to find out what the difference between the pike and the cod at first-hand - with concrete weights on his feet to help him stay under-water, permanently. If this doesn't teach him the difference between predatory freshwater teleost fish and gadoid salt water food fish then nothing will. Let it be known here and now that Amiga Format will not stand, in any shape or form, ichthyological inaccuracies.

Software for serious sports enthusiasts

## POOLSWINNER II

THE ULTIMATE POOLS PREDICTION PROGRAM

- **MASSIVE DATABASE** Poolswinner is a sophisticated Pools prediction aid. It comes complete with the largest database available - 22000 matches over 10 years.
- **PREDICTS** Not just SCOREDRAWS, but NO-SCORES, ALWAYS and HOMES too. Predictions are based on many factors ... recent form, the massive database, current league standing, goal scoring rates, and draw averages (each factor is independently switchable by the user).
- **SUCCESSFUL** Selec guarantee that Poolswinner performs significantly better than chance.
- **LEAGUE AND NON-LEAGUE** matches are covered.
- **FULL LEAGUE TABLES** are automatically generated as results are entered.
- **FULL PRINTER SUPPORT**
- **AUTOMATIC FIXTURE GENERATION** : Fixtures for English and Scottish League matches are generated automatically by Poolswinner's sister program FIXGEN...



## FIXGEN 1990/91

- No need to struggle for hours to get the fixture list into the computer - just type in the date. Fixgen contains the complete fixture list for the whole year's league soccer. (Published under licence from the Football League, and the Scottish Football League).

£26.50

Poolswinner with Fixgen.

## COURSEWINNER v3

THE PUNTERS COMPUTER PROGRAM

- The ORIGINAL, and still the BEST computer punter's aid.
- Coursewinner v3 uses all the most important form pointers (past form, speed ratings, prize money, course statistics, jockey form, trainer form etc) to give a detailed assessment of every runner's chances, not just a tip.
- Vital statistics of all British courses (Draw advantage, Top Trainers and Jockeys etc) are included in the database.
- Includes both FLAT and NATIONAL HUNT versions.
- Full Printer support

£24.00

Available for: IBM (5.25", 3.5") Amstrad CPC  
AMIGA BBC  
Atari ST Commodore 64/128  
Amstrad PCW Spectrum

State TAPE or DISC  
(Add £2.00 for Disc).

Send cheque / PO  
for reason of post service to

**Selec Software** Est. 1984

62 Altrincham Rd, Gatley, Cheshire SK8 4DP  
(send for full list of our software)

TEL 061-428-7425  
phone 24 hrs

## COMPLEX COMPUTERS PRESENT

### Features include

- \* Motorways & motorway junction numbers
- \* A roads & A road numbers
- \* All major towns & cities
- \* Print map function
- \* Print route function
- \* Breakdown & total petrol costing
- \* Breakdown & total mileage
- \* Breakdown & total distance
- \* Even times ferry crossings
- \* Super fast calculations (Lands End to John O'Groats in 4 seconds)
- \* fastest route
- \* shortest route
- \* Full on-screen display
- \* Zoom in or out



### Features include

- \* Motorways & motorway junction numbers
- \* A roads & A road numbers
- \* All major towns & cities
- \* Print map function
- \* Print route function
- \* Breakdown & total petrol costing
- \* Breakdown & total mileage
- \* Breakdown & total distance
- \* Even times ferry crossings
- \* Super fast calculations (Lands End to John O'Groats in 4 seconds)
- \* fastest route
- \* shortest route
- \* Full on-screen display
- \* Zoom in or out

## GBRoute

£39.95 Route Planner for the AMIGA £39.95

GBRoute is simple to use and runs on any standard Amiga. GBRoute is suitable for both professional and non-professional road users alike.

Available from your local Amiga dealer or directly from  
Complex Computers

CREDIT CARD ORDERLINE: 0706 224531

221 Bacup Road, Rawtenstall, Rossendale, Lancs BB4 7PA.

Price includes Post & Packing plus VAT.

Make cheques payable to: COMPLEX COMPUTERS



**GURU'S MEDITATIONS**

**NEXT MONTH**

The March issue will be on sale on Thursday 14th February, which is Valentine's day. In the loving spirit it will include pictures of the team stark naked in Trafalgar Square on New Year's Eve, an interview with a woman in the queue for the Harrods' sale, a tutorial on how to turn flares into proper trousers and absolutely nothing to do with Amigas - really, not a sausage, we're bored with them, honest! Oh, all right then - it's going to be packed with a superb mixture of games, serious software, news, reviews, tutorials, graphics, music, PD, a Coverdisk and lots more for your Amiga.

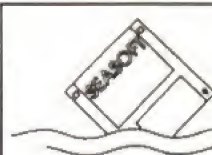
**COMPETITION WINNERS**

**I'D LIKE A LARGE ONE COMP**

The answers were: A, C and A. The winner of the memory is HG Bondzio from Folkestone.

**YANKEE TANK COMP**

The answers were: B, C and B. The winner of the tank is M Scott from Preston. The 10 runner-up prizes of a copy of Team Yankee the game and book are: Jonathan Lees, Newtownards; Matthew Edwards, Fareham; Philip Hughes, Seaforth; Shaun Collins, Kirkcaldy; J Sidebotham, Stockport; Philip Gray, North Cheam; DR Ashworth, Nottingham; Peter Ward, Wrenthorpe; Stephen Sharp, Bolton-le-Sands; MC Tracey, Birdholme.



**SEASOFT COMPUTING**

The Business Centre, First Floor,  
80 Woodlands Avenue, Rustington,  
West Sussex BN16 3EY Tel: 0903 850378

HOLLYWOOD COLLECTION		TOP TITLES	1/2 Meg Upgrade with switch
Robocop, Batman, Ghostbusters II, Indiana Jones	1. CORPORATION .....	19.99	<b>£29.99</b>
	2. F-19 STEALTH FIGHTER .....	19.99	
	3. FUTURE CLASSICS .....	19.99	
	4. JAMES POND .....	19.99	
	5. KICK OFF 2 .....	19.99	
	6. LOTUS TURBO ESPRIT .....	19.99	
	7. MONTY PYTHON .....	16.99	
	8. POWERMONGER .....	23.99	
	9. RICK DANGEROUS 2 .....	19.99	
	10. SHADOW OF THE BEAST 2 .....	28.99	
	11. SUBBUTEO .....	19.99	
	12. TURTLES .....	19.99	
	13. WINGS (1 MEG) .....	23.99	

**BLANK DISKS - 3.5" DSDD**  
High quality disks by Sony guaranteed 100% error free (price includes labels)

10 for	6.90
50 for	29.50
100 for	49.00

Head Cleaning Kit - 3.99

**BARGAIN BASEMENT**  
(Limited stocks available)

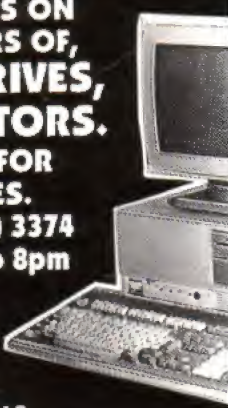
Archipelagos .....	6.99	Menace .....	6.99
Baal .....	6.99	Passing Shot .....	10.99
Ballistix .....	6.99	Raider .....	9.99
Cloud Kingdom .....	6.99	Space Harrier 2 .....	6.99
Doctor Fruit .....	4.99	Spy Vs Spy .....	4.99
Gravity .....	4.99	Wipe-Out .....	6.99
Hammerfist .....	9.99	Yolander .....	9.99

**QUALITY PUBLIC DOMAIN - ONLY £1.25**  
Please send s.a.e. for list

THESE ITEMS ARE AVAILABLE BY MAIL ORDER ONLY - NO VISITORS PLEASE  
Prices include postage and packing on orders of £10.00 or greater, please add 50p for orders below £10.00. Goods will normally be despatched by first class post within 24 hours. (subject to availability). In the event of a problem or query then please contact us on the above telephone number. The telephone is manned between 6pm and 10pm Monday-Saturday and an answering service is available at all other times. Faulty software will only be exchanged with the same title - no refunds will be given. All prices are subject to change without notice. Please make cheques payable to- Seasoft Computing.

**REPAIRS**

**FULLY QUALIFIED ENGINEERS ON SITE TO UNDERTAKE REPAIRS OF, COMPUTERS, DISC-DRIVES, PRINTERS AND MONITORS. ALL WORK GUARANTEED FOR 3 MONTHS. FREE ESTIMATES.**  
Tel: MARK OR MARTIN (0527 85) 3374  
BUSINESS HOURS Mon-Sat 9am to 8pm



**AMPOWER COMPUTER REPAIRS**

15a ALCESTER ROAD, STUDLEY, WARCS B80 7AG

**ADVERTISERS INDEX**

1st Choice (Leeds).....	192	Domark .....	IBC, 14	Memory Expansion .....	156	Selec Software .....	201
16 Bit Centre .....	199	Dowling .....	60-61	Merlin Express .....	30-31	Senator PD .....	134
17 Bit Software .....	116	E.A. ....	6	Microdeal .....	84	Senlac .....	126
A&K .....	198	Ealing .....	183	Micronet .....	49	Siren Software .....	54, 101
Abbc0 .....	173	Echo PD .....	130	Microshop .....	154	Sirus Software .....	128
Abblac .....	152	Elite .....	59	Microsmart .....	36-37	Soft Exchange .....	187
Ace Repairs .....	200	EMPDL .....	134	Miditech .....	137	Softlogic .....	27
Alternate Image .....	186	ESP Education .....	154	MJC Supplies .....	96	Softmachine .....	138
Amiganuts .....	130	ESP Software .....	149	Monumental Music .....	137	Softville PD .....	128
Amisoft .....	132	Eurodata .....	183	MT Software .....	200	Software Superstore .....	180
Ampower .....	202	Evesham Micros .....	106-107	Music Matrix .....	137	Solid State .....	11
Annubis .....	173	FMG .....	80	Naksha .....	38	Southern PD .....	132
Ark .....	196	FSSL .....	195	NBS .....	121	Spa .....	194
Arnor .....	170	Genisoft .....	32	New Image PD .....	127	Special Reserve .....	12-13
Ashcom .....	115	Get The Most From Your Amiga .....	139	Newtek .....	9	Start .....	126
Astrocalc .....	186	Greater London Computers .....	197	Nova PD .....	137	Storm .....	50
Athene Computers .....	155	Gremlin .....	67	Nurd .....	102	Strathclyde .....	130
Audition .....	114	GTI .....	186	Ocean .....	IFC, 3, 20-21, 68, OBC	Supply Solutions .....	149
Axe Direct .....	79	Hammersoft .....	91	Official Secrets .....	12-13	Supra Corp .....	71
B-Soft .....	132	Harwoods .....	42-45	Original Media .....	145	SWD PD .....	134
BBD Dust Covers .....	181	Hi-Soft .....	41	P. Dom. PD .....	122-123	Syncromatics .....	137
BCS .....	151	Hill PD .....	132	Pazaz .....	181	Syntronix .....	151
Bitcon Devices Ltd .....	83	Hobbyte .....	98	PD Rebels .....	127	TAM Marketing .....	151
Blitter Chips .....	119	Home Based Business .....	191	PD Soft .....	127	Third Coast .....	184
Bruce Everiss .....	137	lcPug .....	128	Play To Win .....	190	Tornado PD .....	128
Byteback .....	108	Instamec .....	179, 191	PLC .....	194	Trilogic .....	162
Calco .....	179	Interceptor .....	91	Post Express .....	179	UK Amiga .....	190
Care .....	191	Intraset .....	188	Post Haste .....	191	Ultimate PD .....	134
Comp Depot .....	179	K&M .....	153	Power Computing .....	92-95	Unbeatable Prices .....	186
Complex .....	201	KC Video .....	187	Praxis .....	154	Universal Overnight .....	146
Computer Bookshop .....	73	Kosmos .....	149	Precision .....	19	Vally PD .....	119
Computer Lab .....	152	KYC Disks .....	187	Premier Mail Order .....	178	Video Vault .....	140
Computerwise .....	149	Ladbroke Computing .....	104	Proton .....	183	Virgin Retail .....	87
Crazy Joes .....	118	LCL .....	190	Ramssoft .....	181	Virus Free PD .....	132
Cyber .....	138	Lorenzo's Domain .....	134	RC Sim .....	103	Voltmace .....	194
Dataplex .....	200	Mandarin Software .....	22	RGB .....	173	Waterfront .....	152
Datel Electronics .....	164-169	Manor Court Supplies .....	140	Riverdene .....	130	Watford College .....	115
Delta Pi .....	91	Mansfield .....	193	Rutland .....	173	WCA .....	127
Dial-a-Quiz .....	113	Marcam .....	88	Saint Soft .....	189	We Serve .....	102
Digicom .....	29	Matrix Software .....	200	Sagittarian PD .....	119	Westoning .....	190
Digit International .....	46	MD Office Supplies .....	158, 176	Screenplay - The Book .....	157	Wizzard .....	115
Digital Integration .....	62	Media Direct .....	182	Seasoft .....	202	WTS .....	103, 198
Disc-x-Press .....	160	Memory Ex. ....	74	Sector 16 .....	119		



# PRINCE of PERSIA™



**I**t's amazing!  
Working from  
hundreds of movie clips,

Jordan Mechner, author of the acclaimed Karateka, breaks new ground with animation sequences so uncannily human they must be seen to be believed. Sword fighting, running or jumping, the action is awesome.

You take the part of a young adventurer attempting to save a beautiful princess. The Grand Vizier, an evil and sexually deviant man, is about to pounce on her. Only you can come to the rescue!

Time is ticking away, you'll have to move fast to escape your cell and evade the many cunning traps placed in your path.

Non stop action is combined with the exploration and puzzle-solving challenge of a top flight adventure game. With hundreds of fantastic rooms to explore, you must use all your sword fighting skills to do battle with violent opponents and foil the Grand Vizier's despicable plans.



**DOMARK**

Available on: Amiga, Atari ST, IBM PC 3.5" & 5.25"  
Original game design, programming and graphics by Jordan Mechner  
© Copyright 1989, 1990 Jordan Mechner  
© 1990 Artwork & Packaging Domark Software Ltd  
Originally published in the U.S.A. by Broderbund Software, Inc.  
Published in the UK by Domark Software Ltd,  
Ferry House, 51-57 Lacy Road, London SW15 1PR Tel: 081-780 2224  
Amiga Screenshots

  
**Broderbund®**



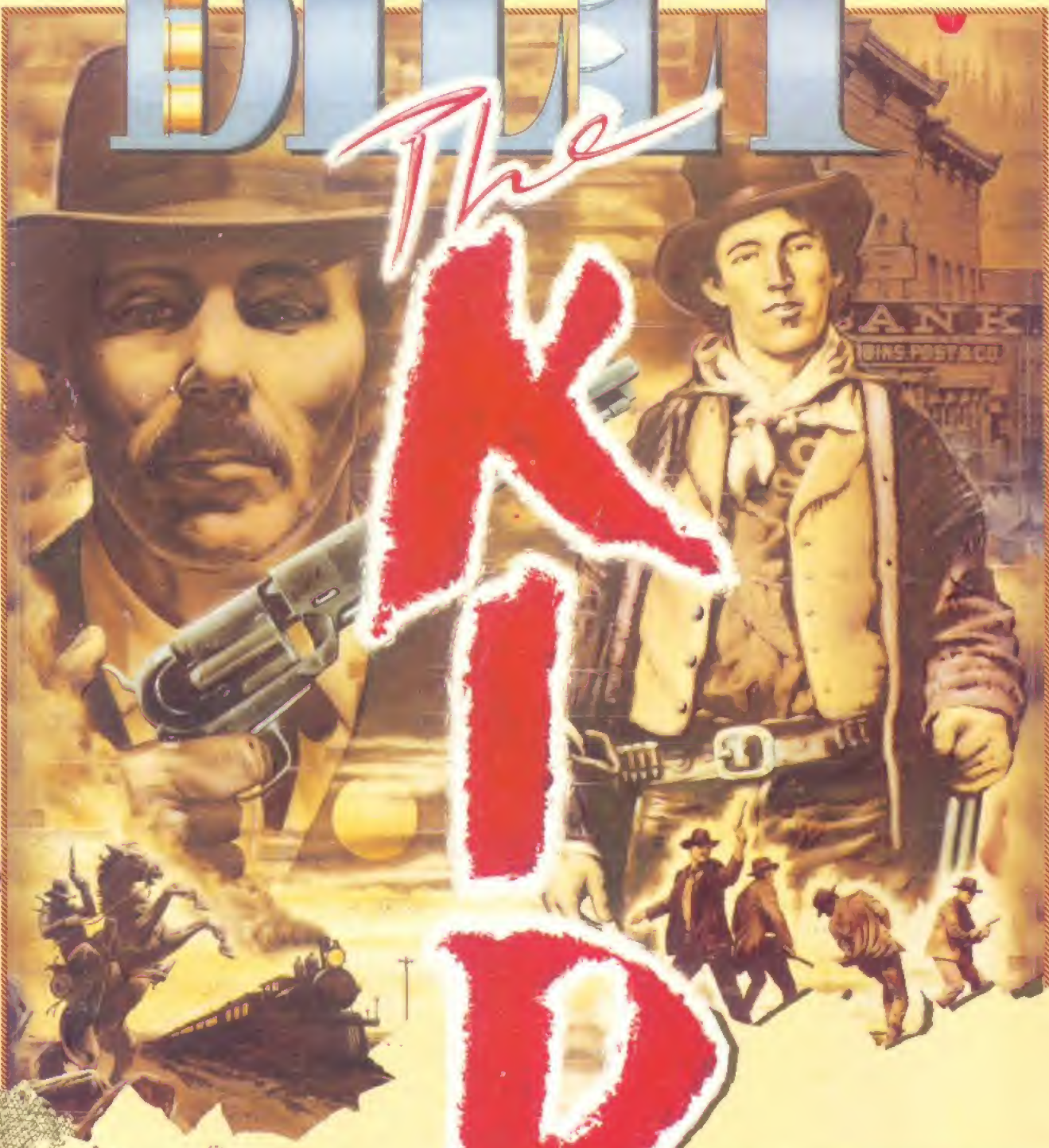


# BILLY

*The*

KID

SHOWDOWN



"BILLY THE KID" IS A 1 OR 2 PLAYER ACTION/STRATEGY GAME SET IN THE WILD WEST, WHICH ALLOWS THE PLAYER TO ASSUME THE IDENTITY OF EITHER A GUN TOTING DESPERADO WITH A HEART OF GOLD, BILLY HIMSELF OR HIS EX-BEST FRIEND, SHARP SHOOTING, LAW ABIDING PILLAR OF THE COMMUNITY, SHERIFF PAT GARRETT.

THEY ARE IN LOVE WITH THE SAME WOMAN, AND ULTIMATELY, IN A NAIL BITING CLIMATIC FINALE, ARE GOING TO END UP POINTING GUNS AT EACH OTHER. ONLY ONE CHARACTER CAN WALK AWAY FROM THIS SHOWDOWN - **BUT THAT'S JUST THE**

**WAY OF THE WEST.**

ATARI ST  
CBM AMIGA

